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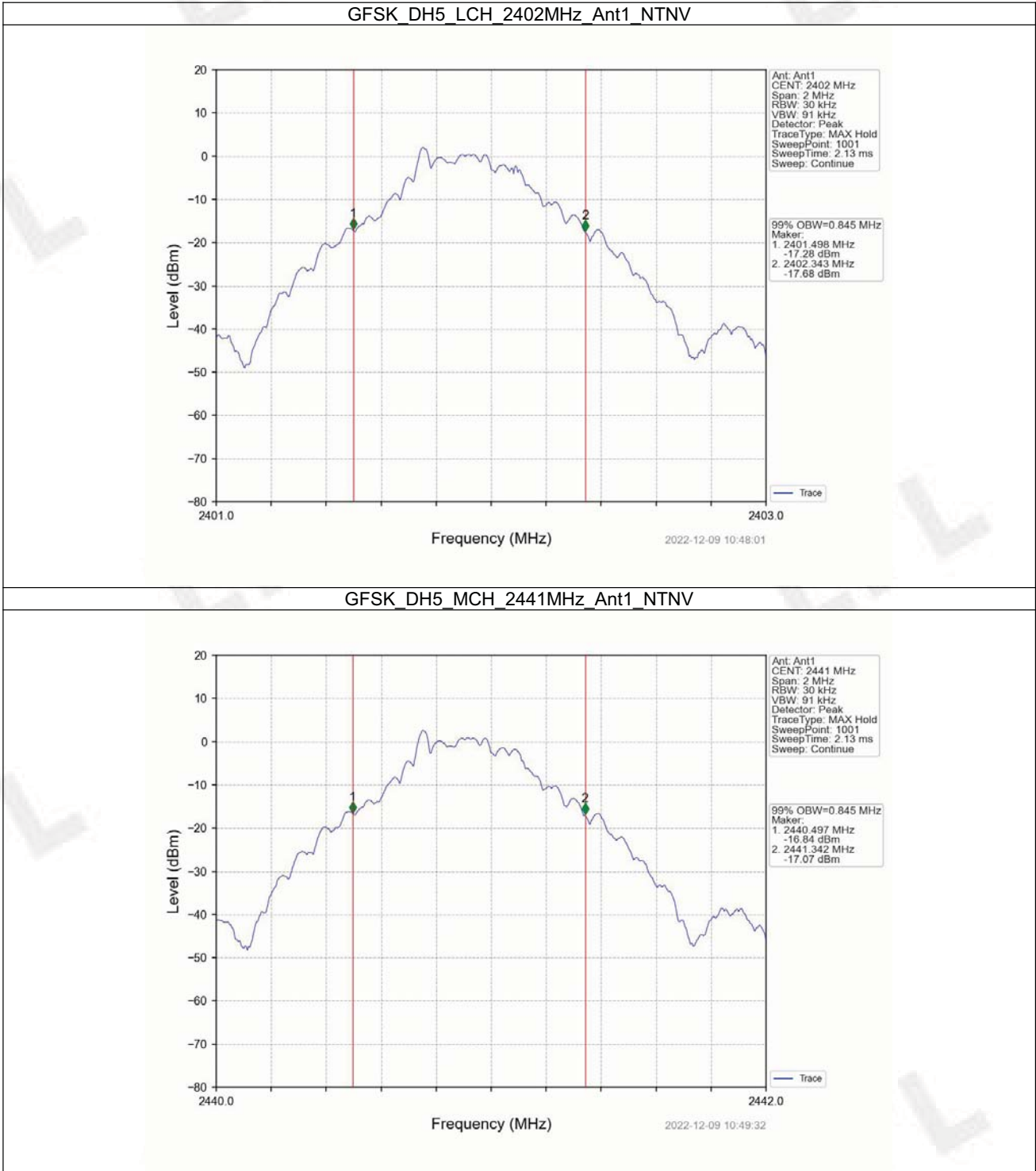
1. Bandwidth

1.1 OBW

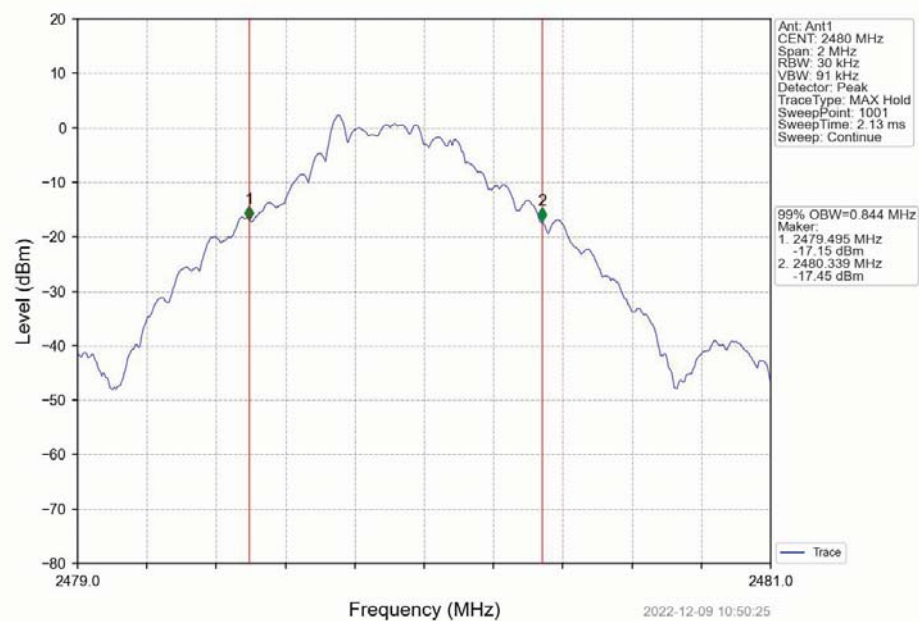
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.845	Pass
		2441	DH5	1	0.845	Pass
		2480	DH5	1	0.844	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.161	Pass
		2441	2DH5	1	1.161	Pass
		2480	2DH5	1	1.162	Pass
8DPSK	SISO	2402	3DH5	1	1.156	Pass
		2441	3DH5	1	1.158	Pass
		2480	3DH5	1	1.157	Pass

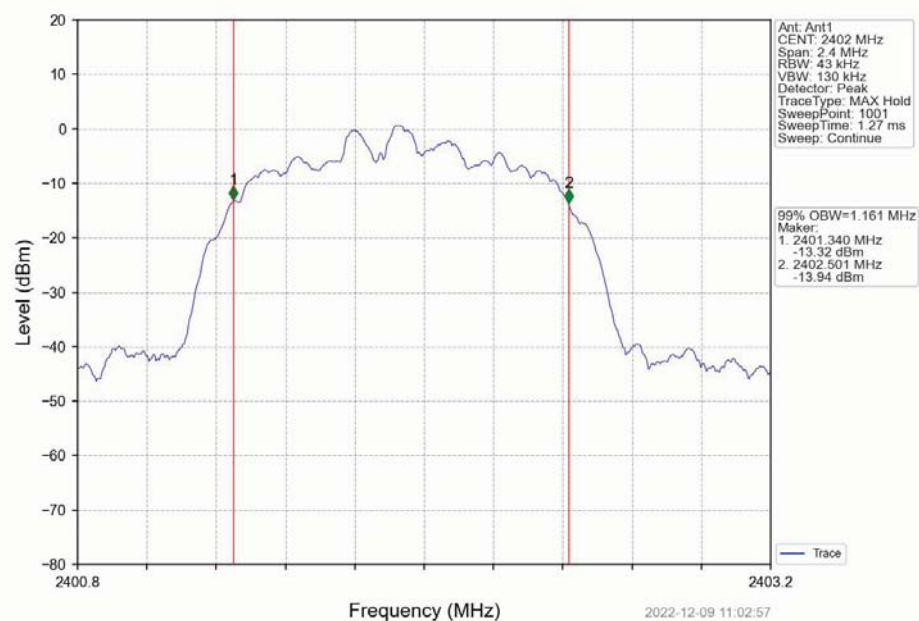
1.1.2 Test Graph



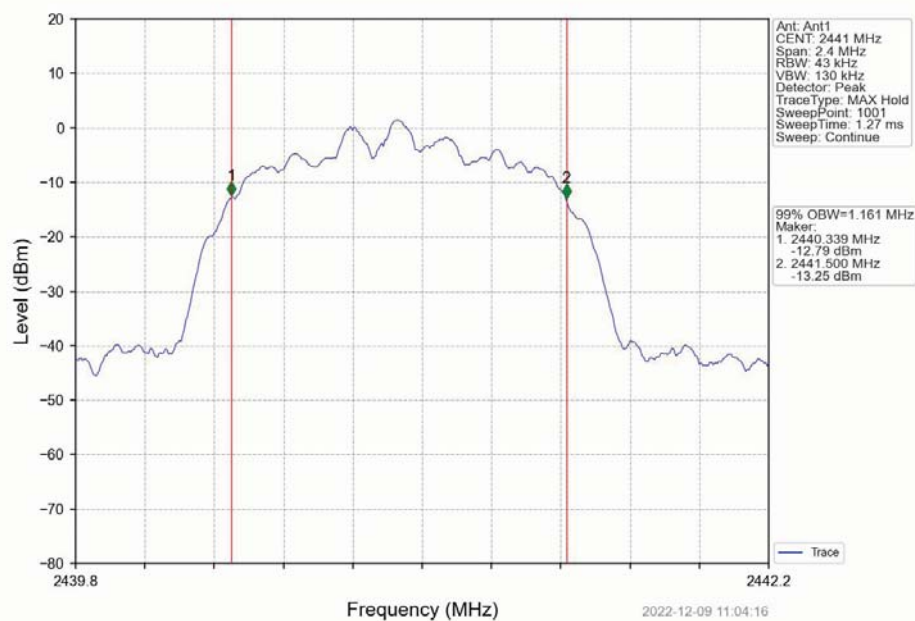
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



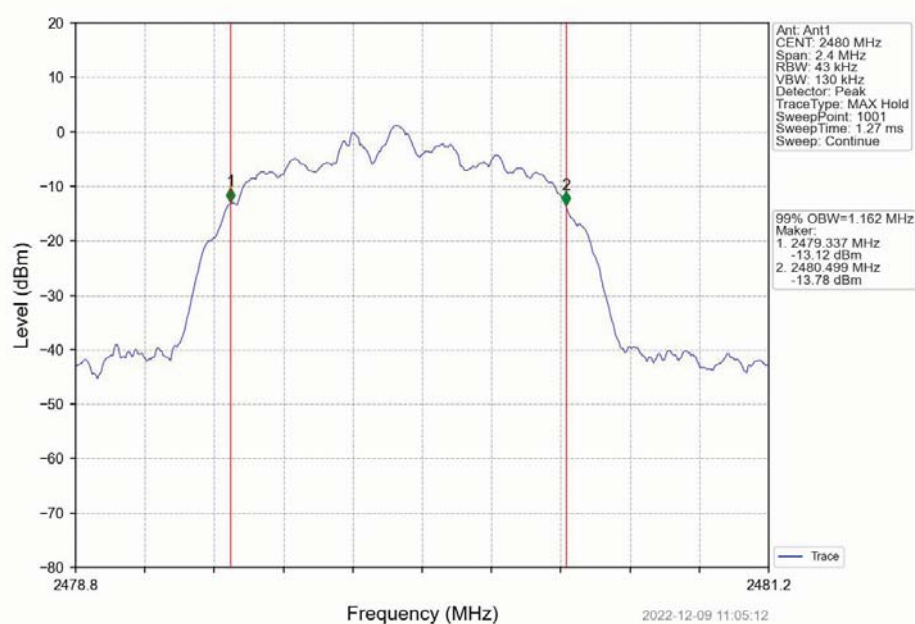
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



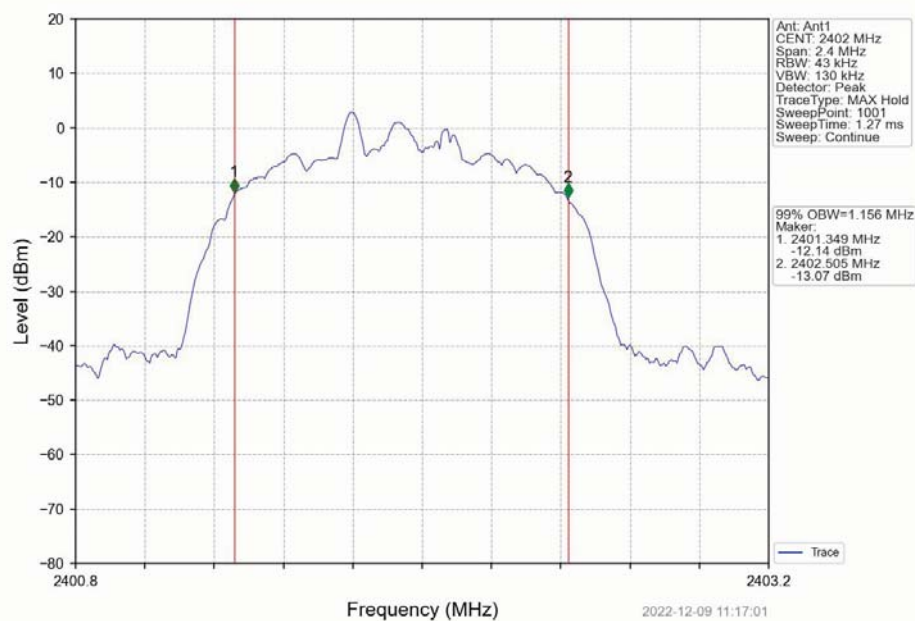
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



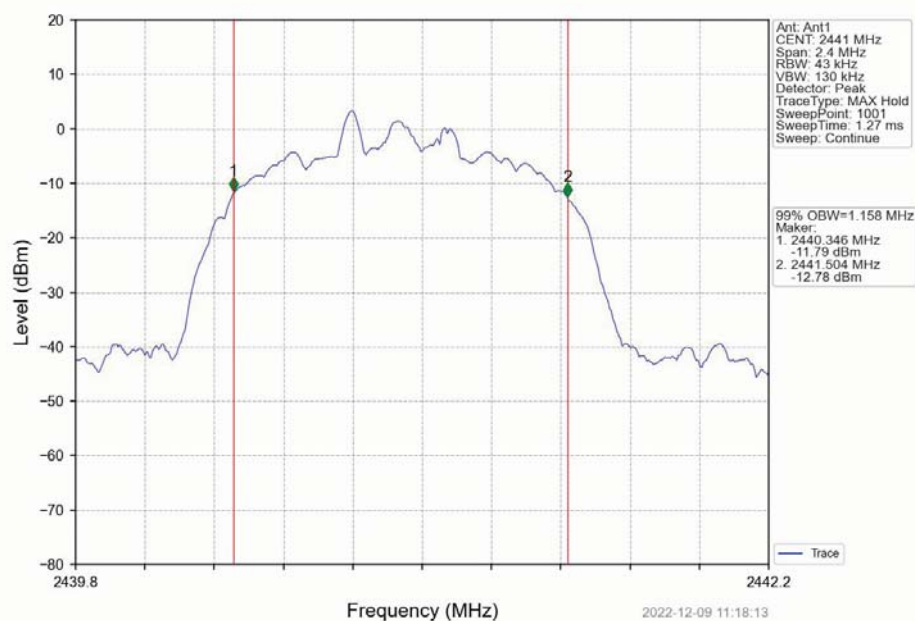
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

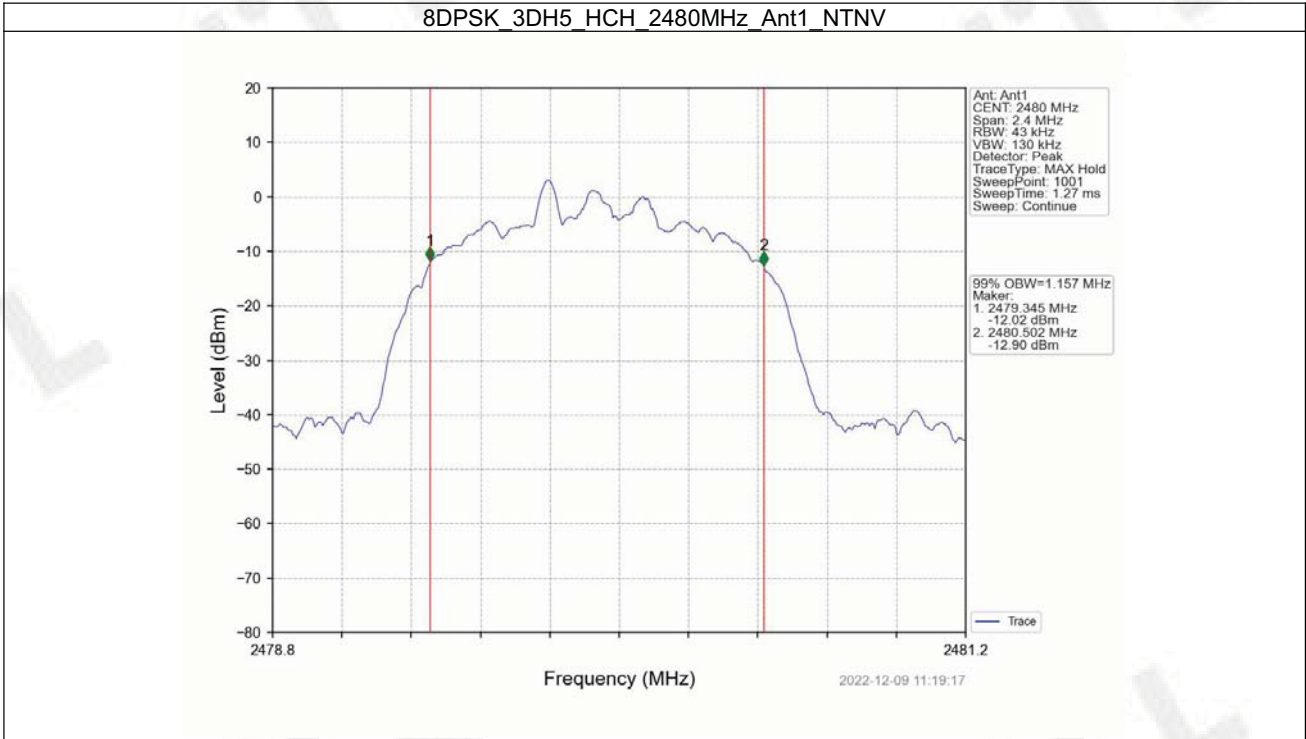


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



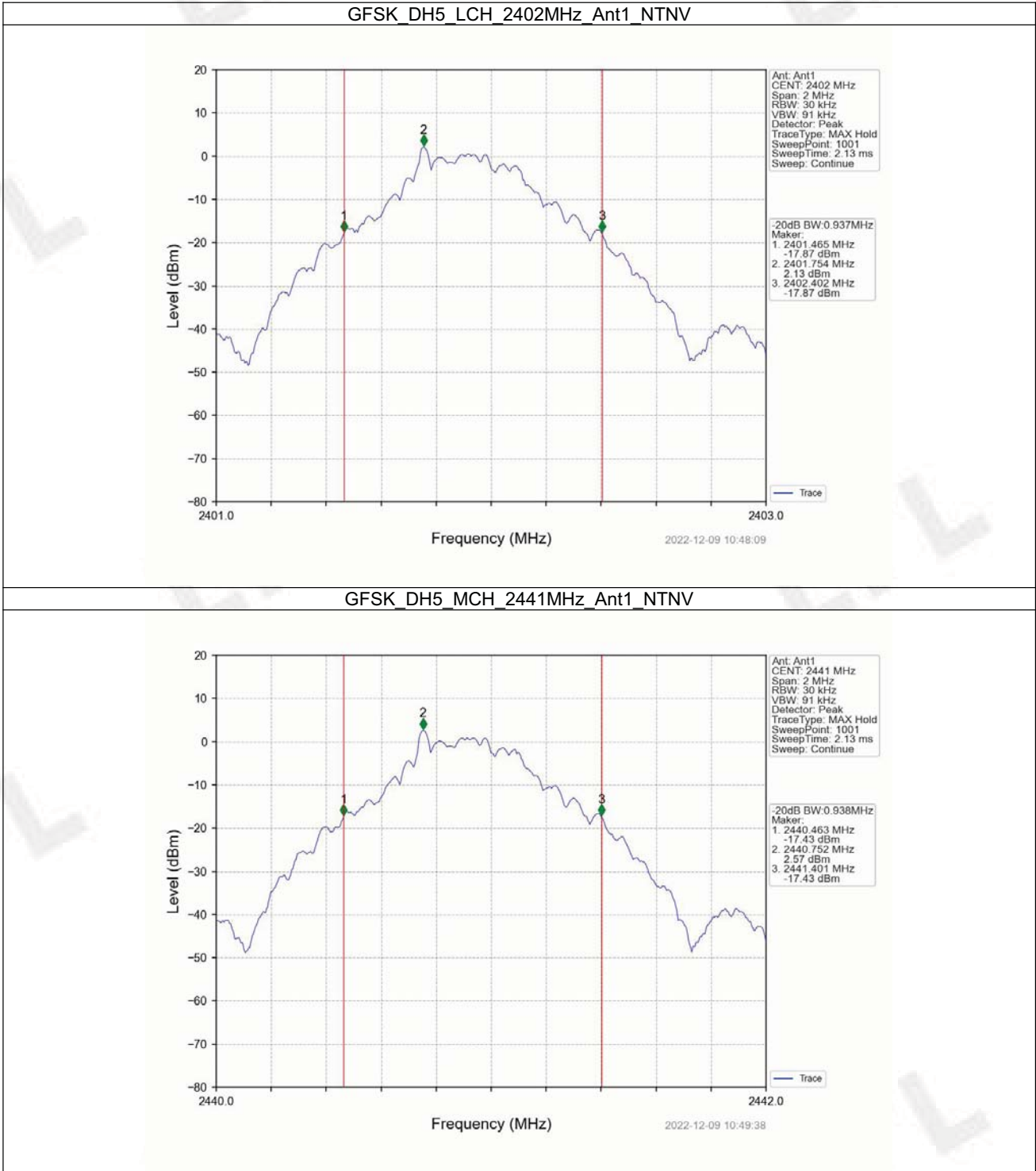


1.2 20dB BW

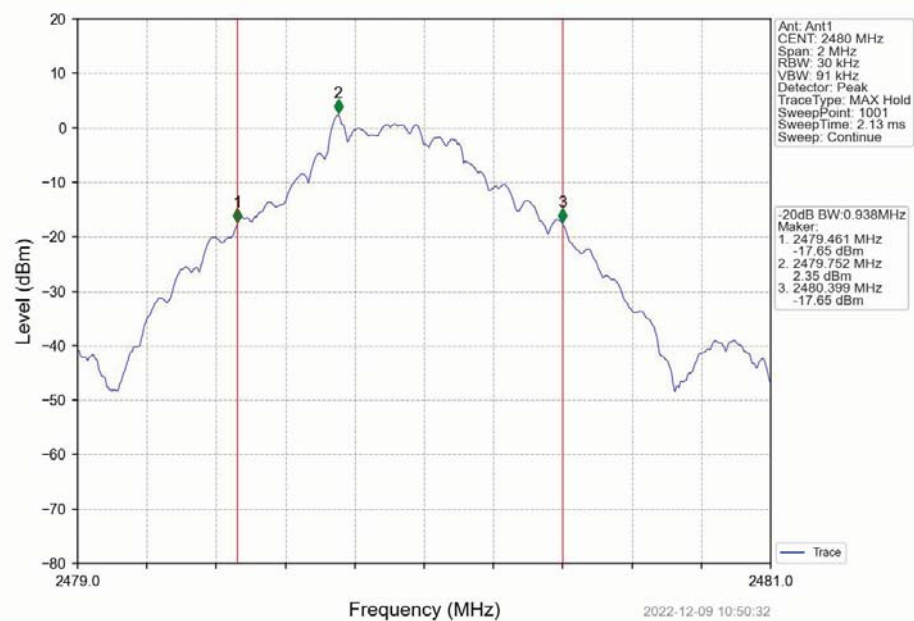
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.937	Pass
		2441	DH5	1	0.938	Pass
		2480	DH5	1	0.938	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.283	Pass
		2441	2DH5	1	1.285	Pass
		2480	2DH5	1	1.285	Pass
8DPSK	SISO	2402	3DH5	1	1.271	Pass
		2441	3DH5	1	1.273	Pass
		2480	3DH5	1	1.272	Pass

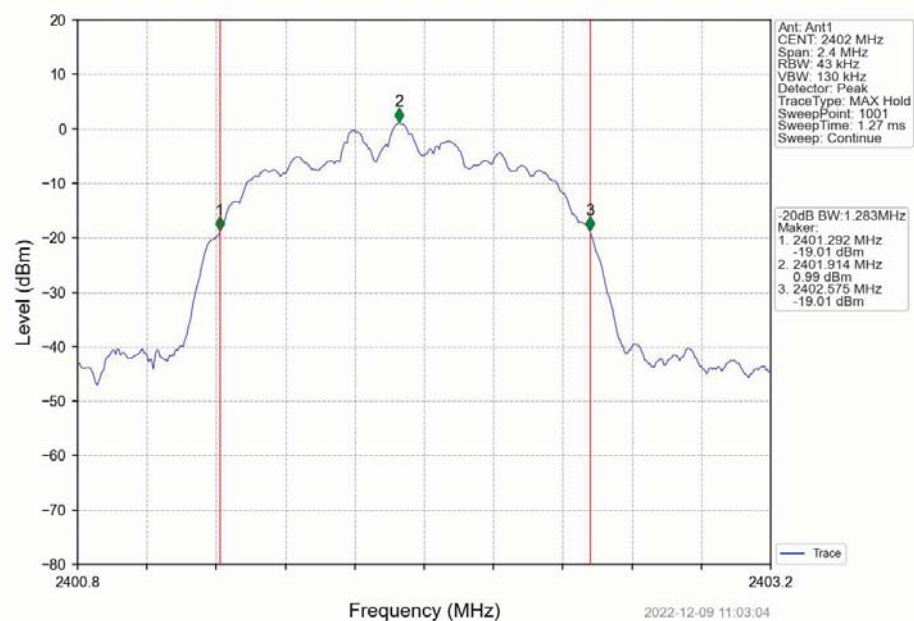
1.2.2 Test Graph



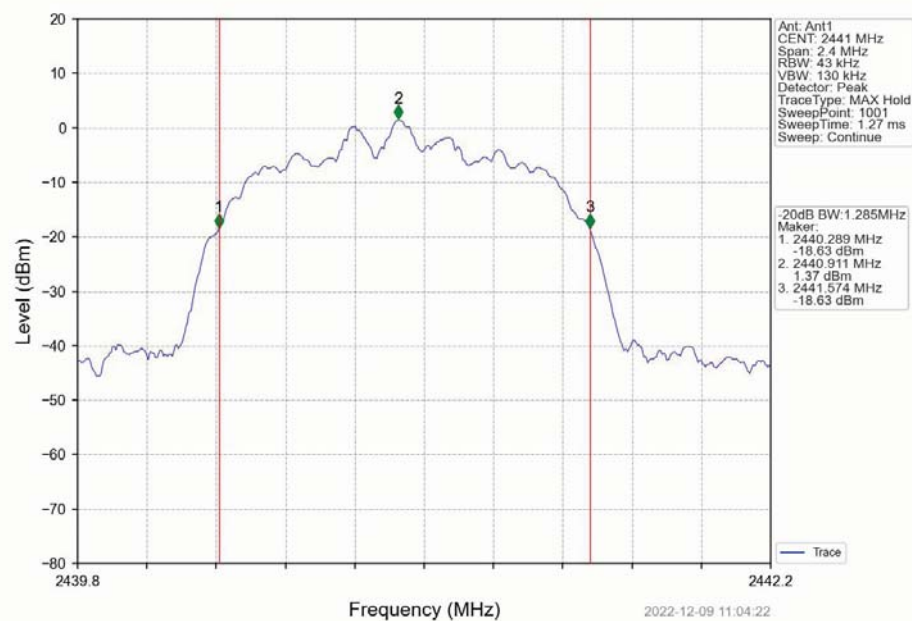
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



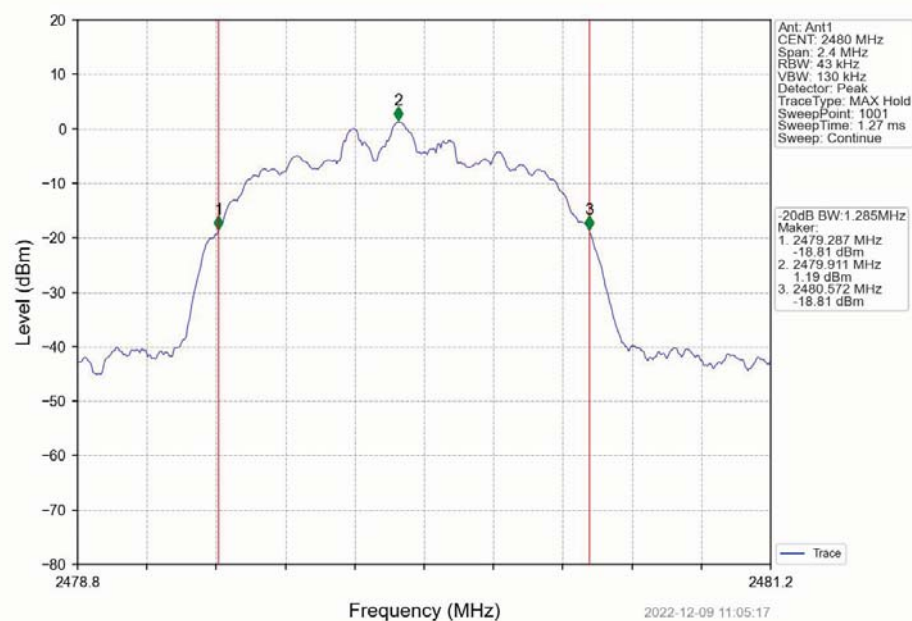
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



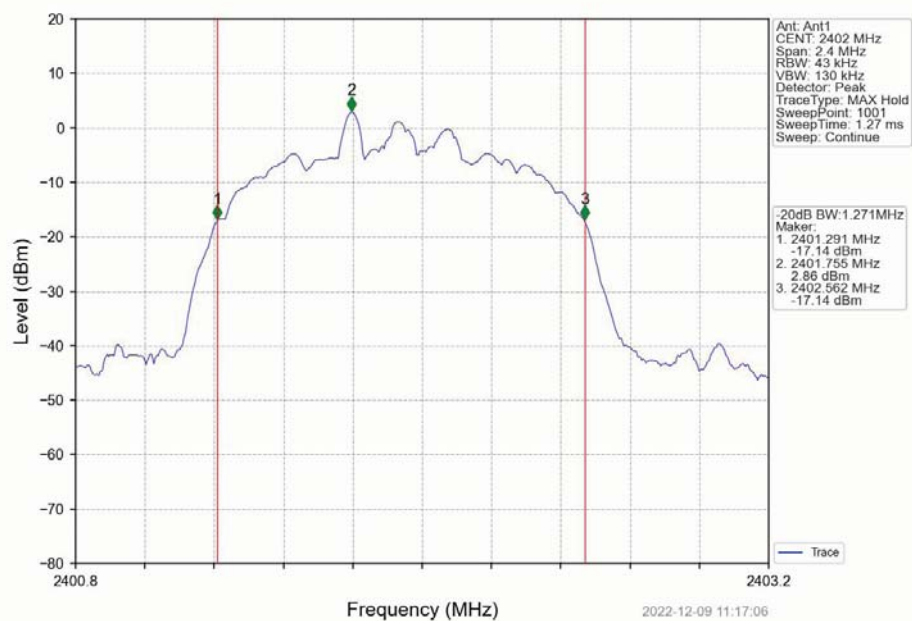
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



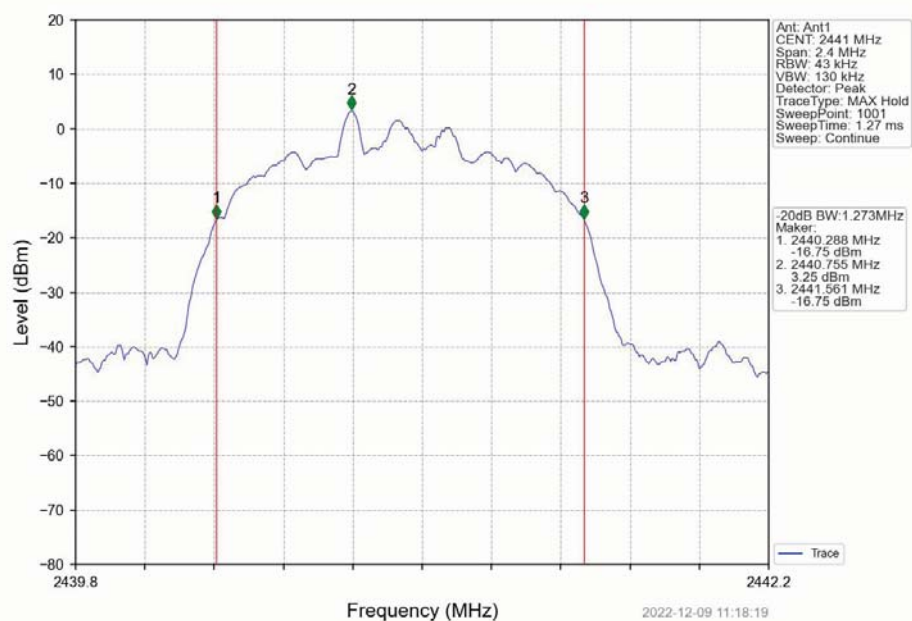
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

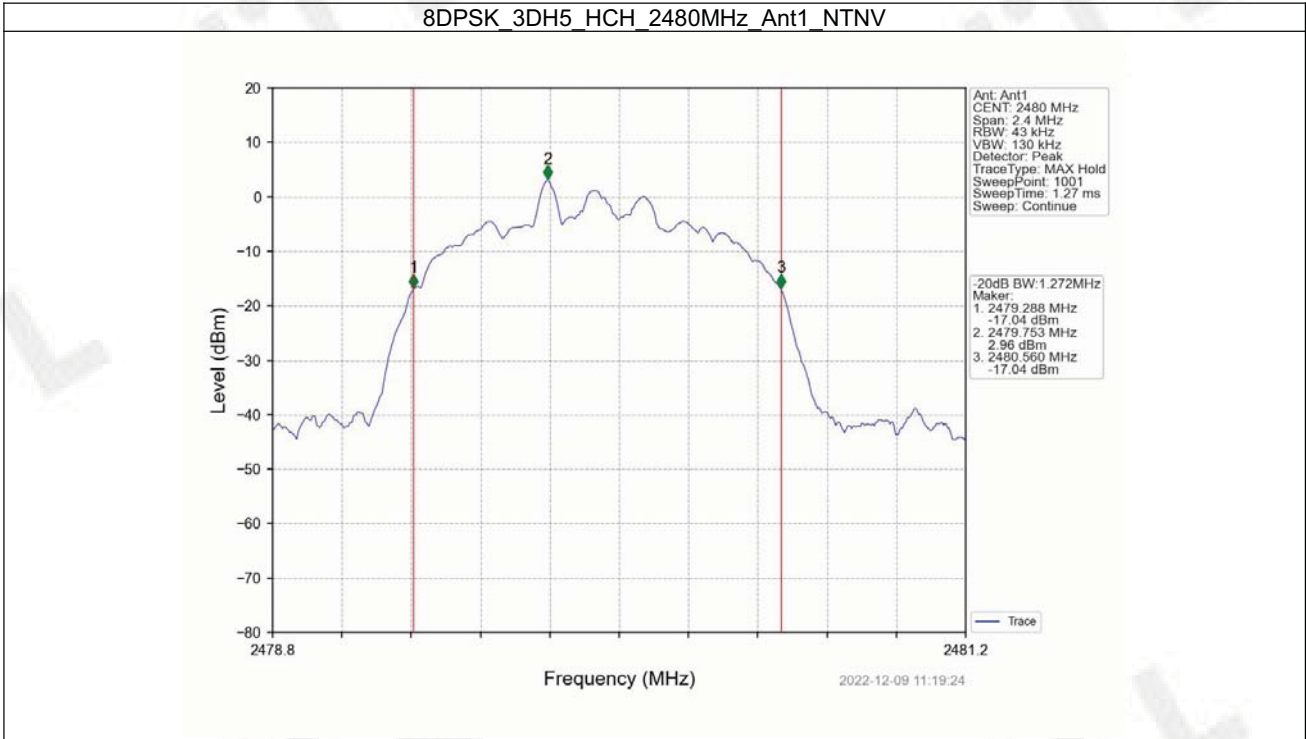


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





2. Maximum Conducted Output Power

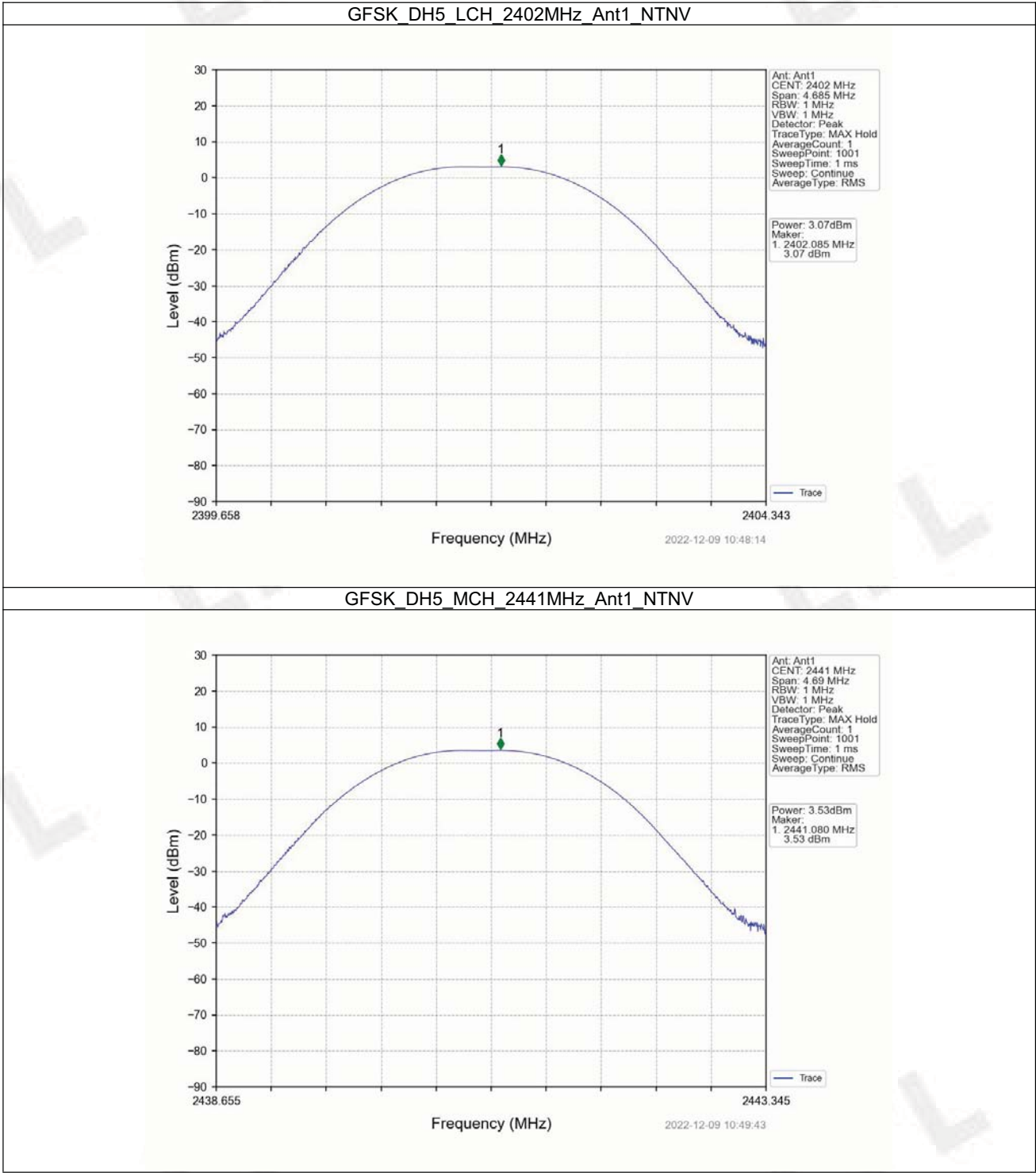
2.1 Power

2.1.1 Test Result

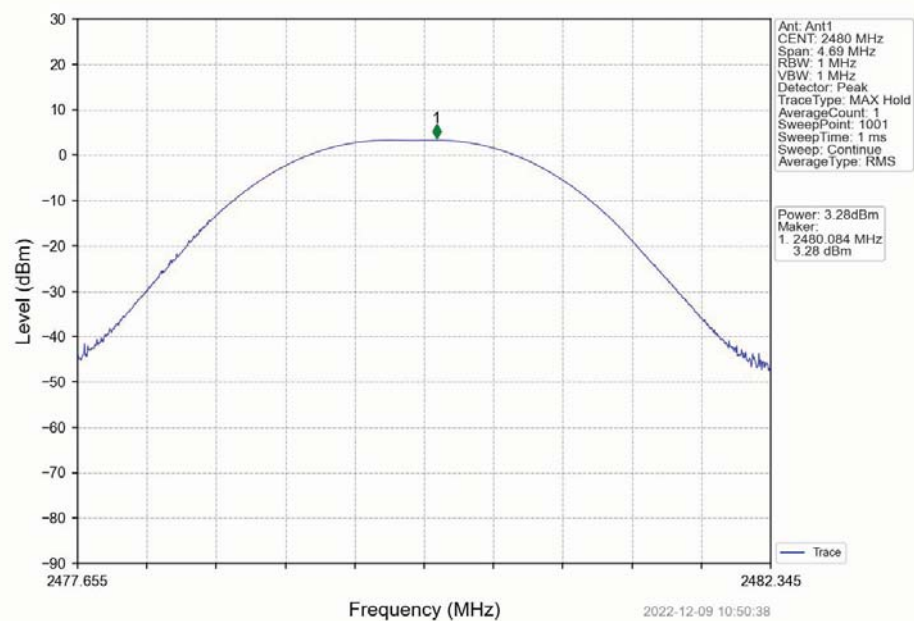
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	3.07	<=30	Pass
		2441	DH5	3.53	<=30	Pass
		2480	DH5	3.28	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	3.08	<=20.97	Pass
		2441	2DH5	3.51	<=20.97	Pass
		2480	2DH5	3.25	<=20.97	Pass
8DPSK	SISO	2402	3DH5	3.28	<=20.97	Pass
		2441	3DH5	3.71	<=20.97	Pass
		2480	3DH5	3.46	<=20.97	Pass

Note1: Antenna Gain: Ant1: 0.00dBi;

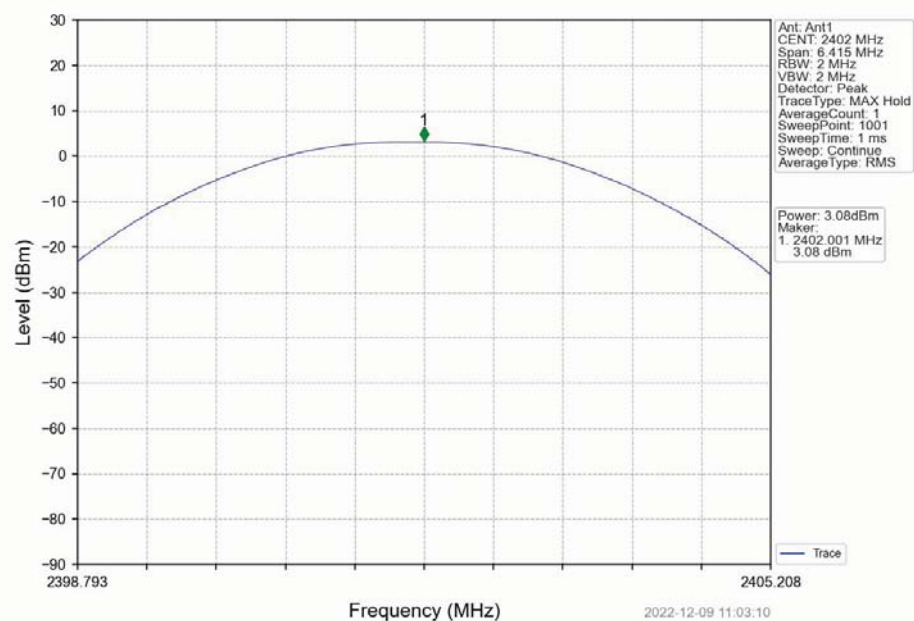
2.1.2 Test Graph



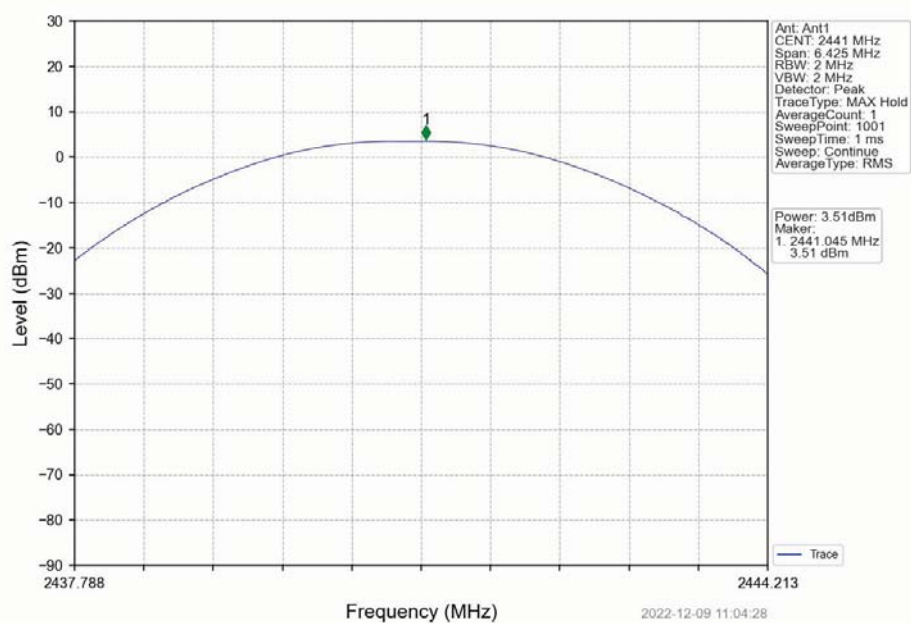
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



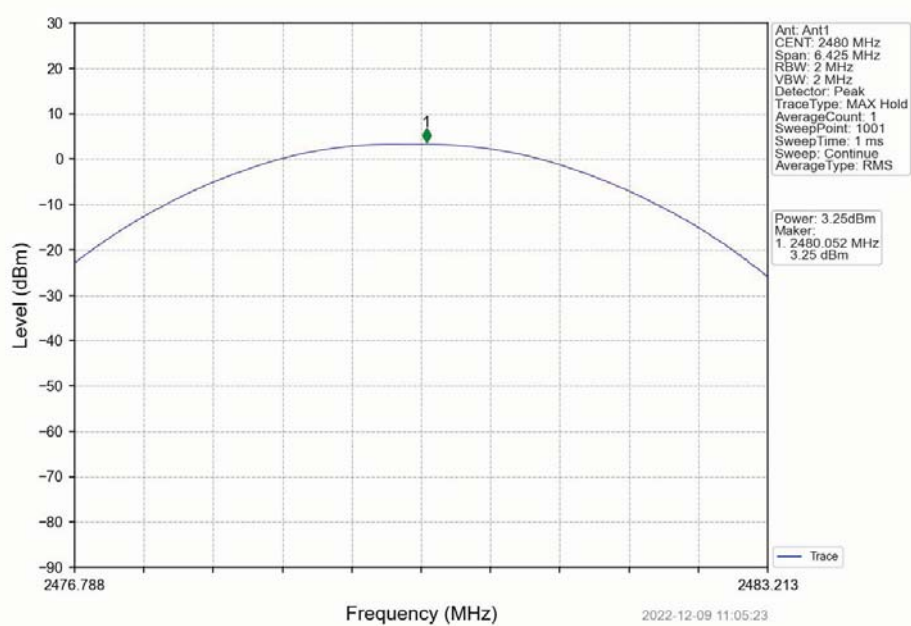
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



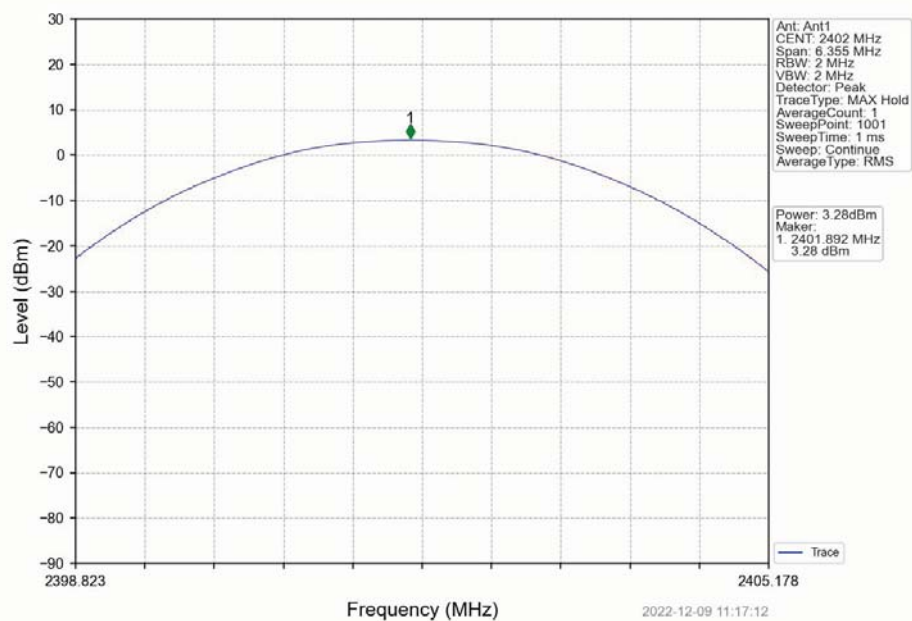
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



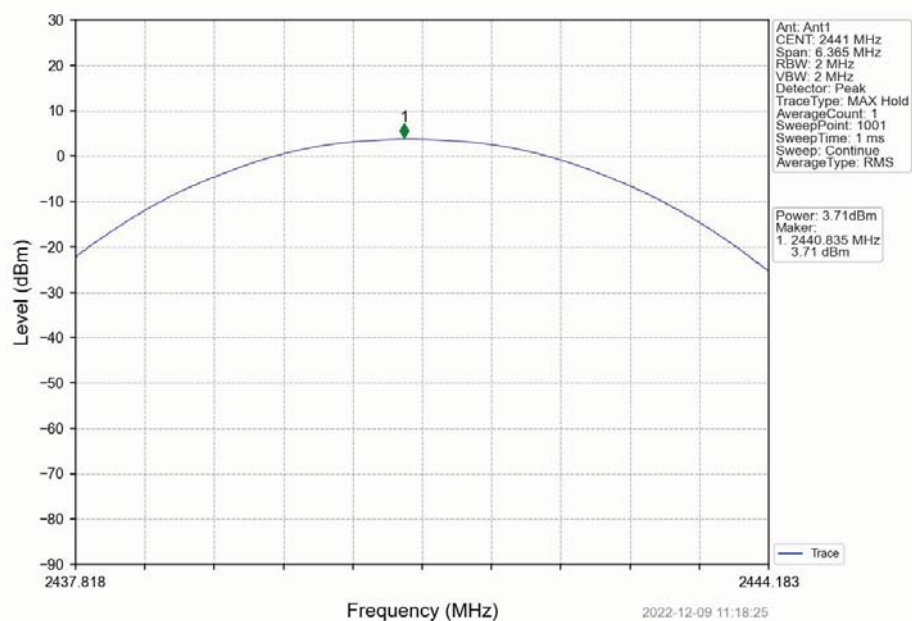
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

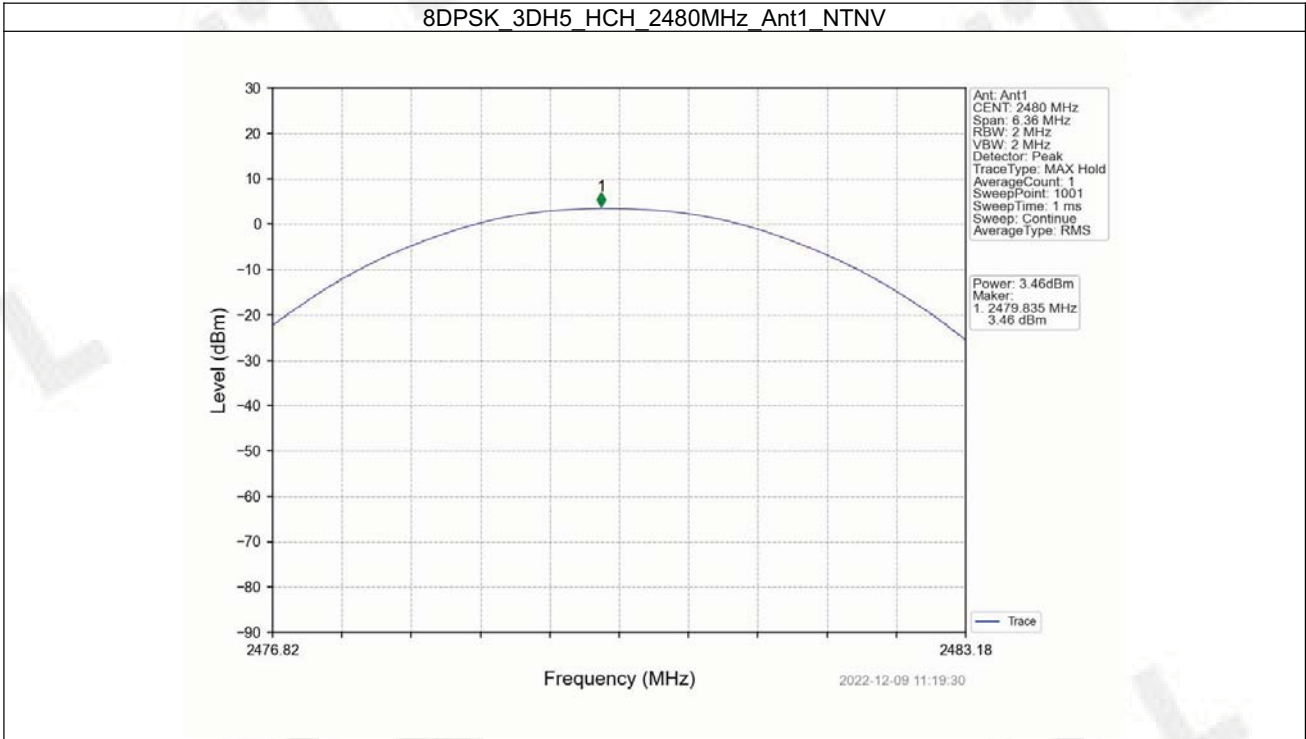


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





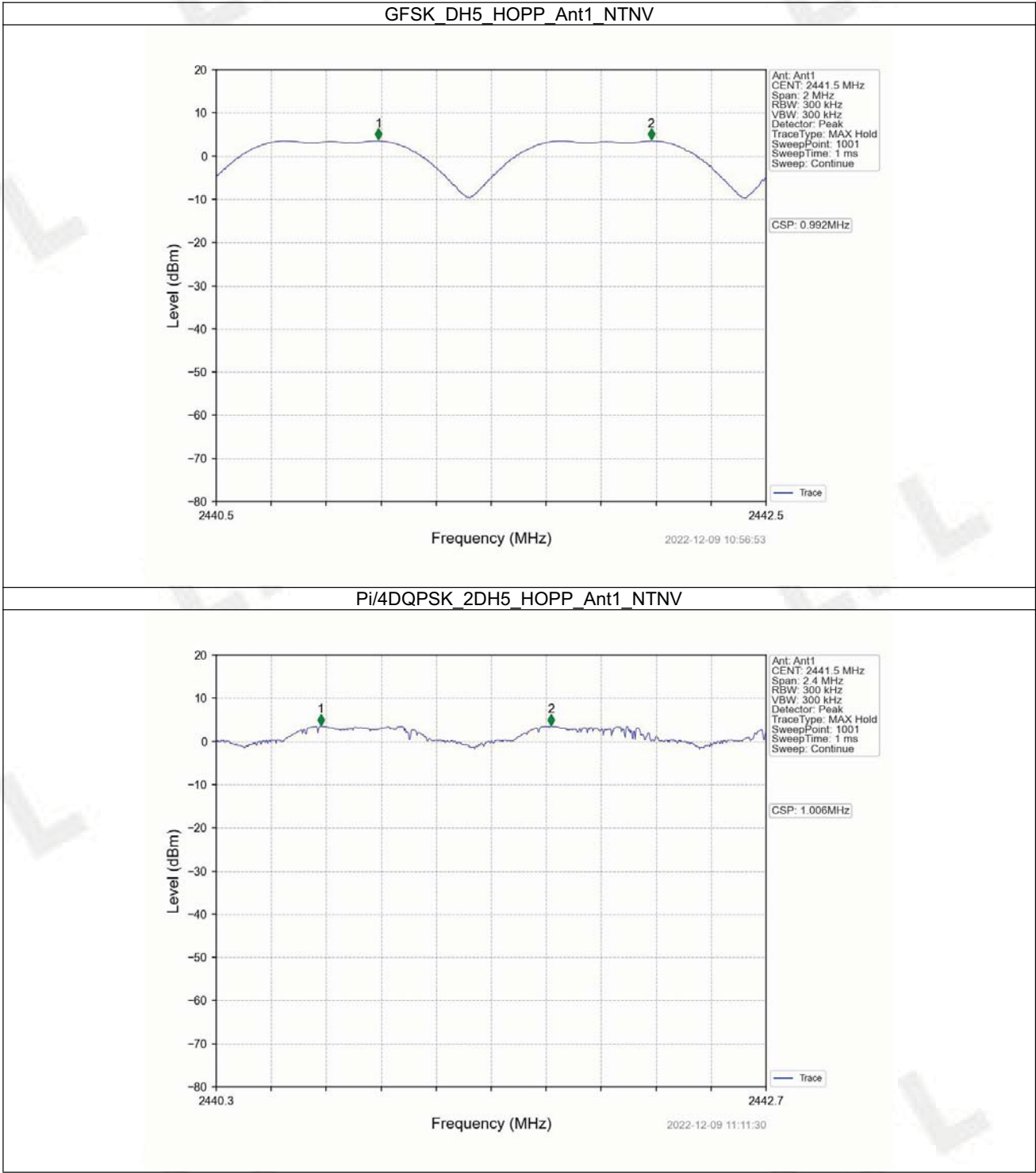
3. Carrier Frequency Separation

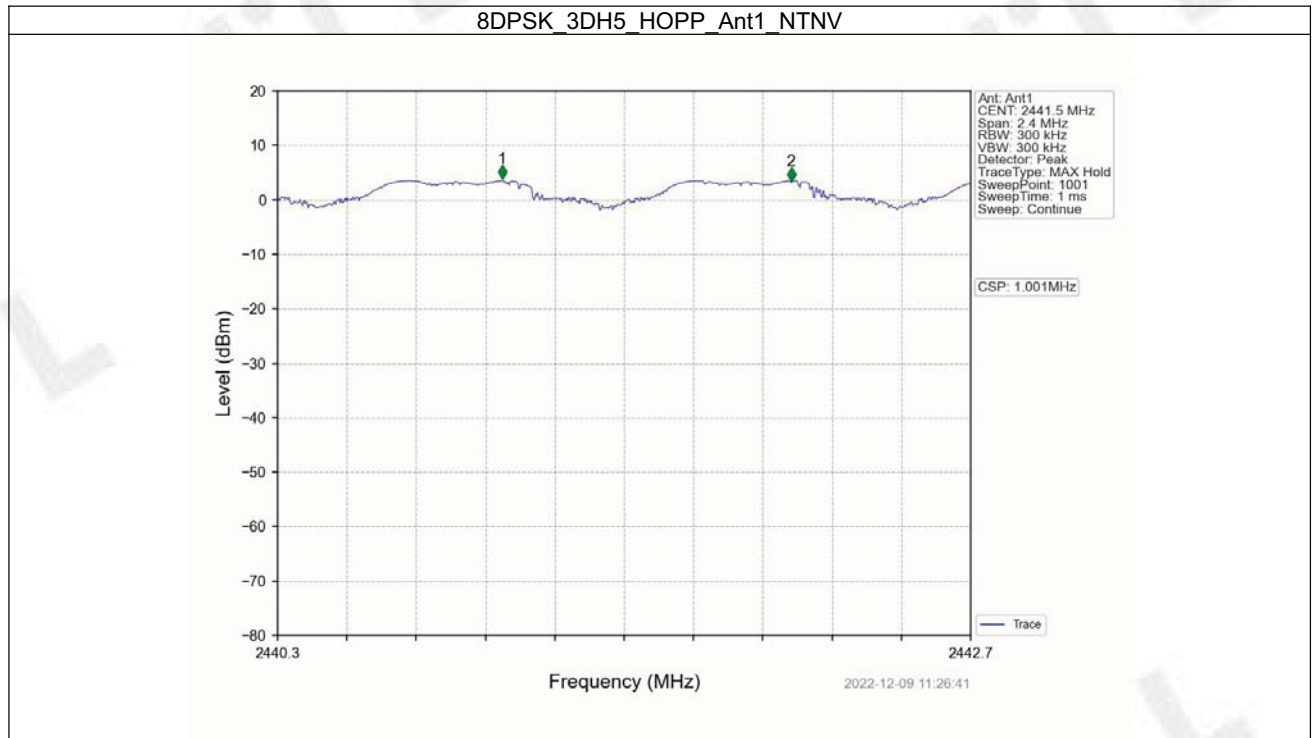
3.1 Ant1

3.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.992	0.938	≥ 0.938	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.006	1.285	≥ 0.857	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.273	≥ 0.849	Pass

3.1.2 Test Graph





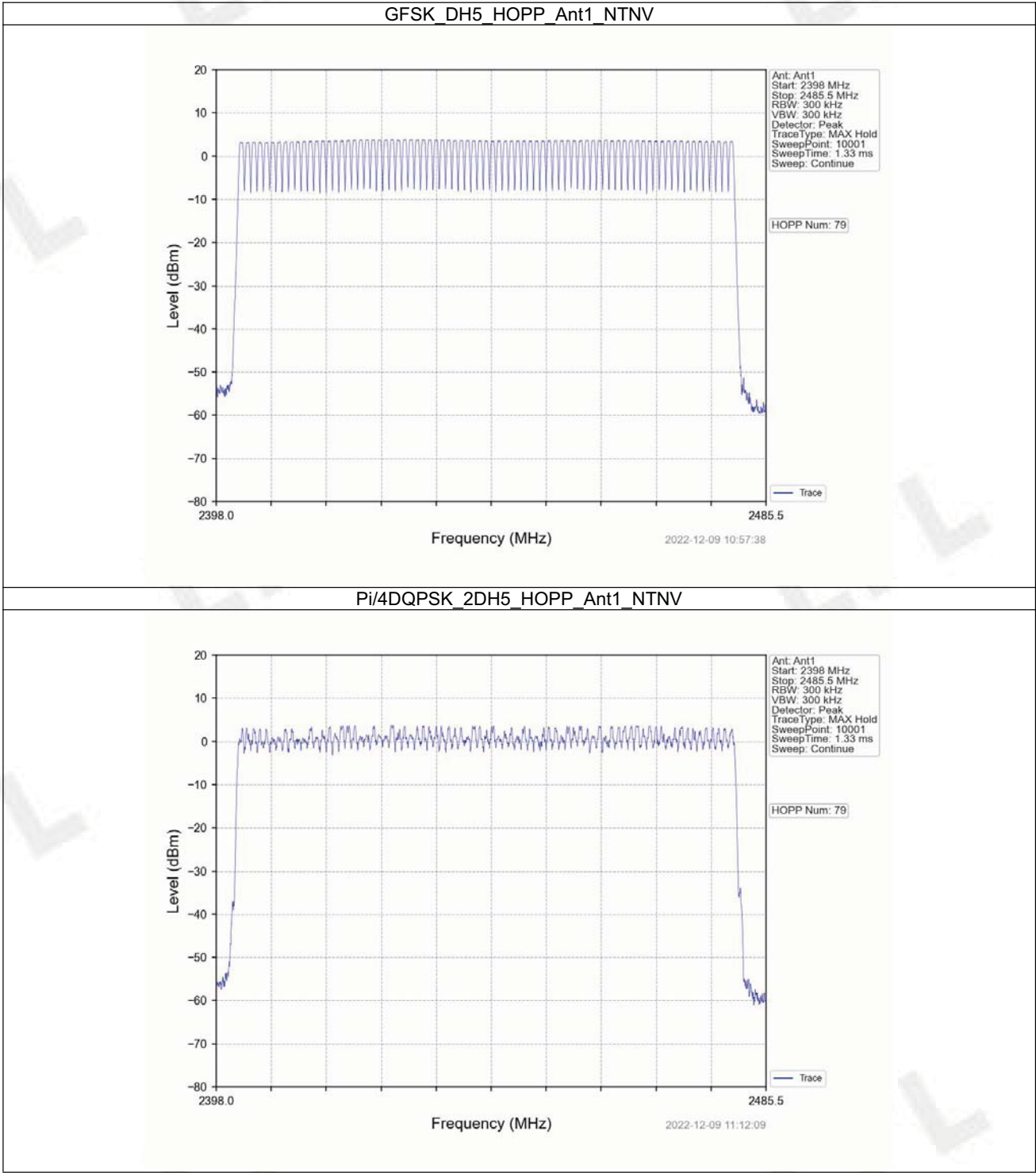
4. Number of Hopping Frequencies

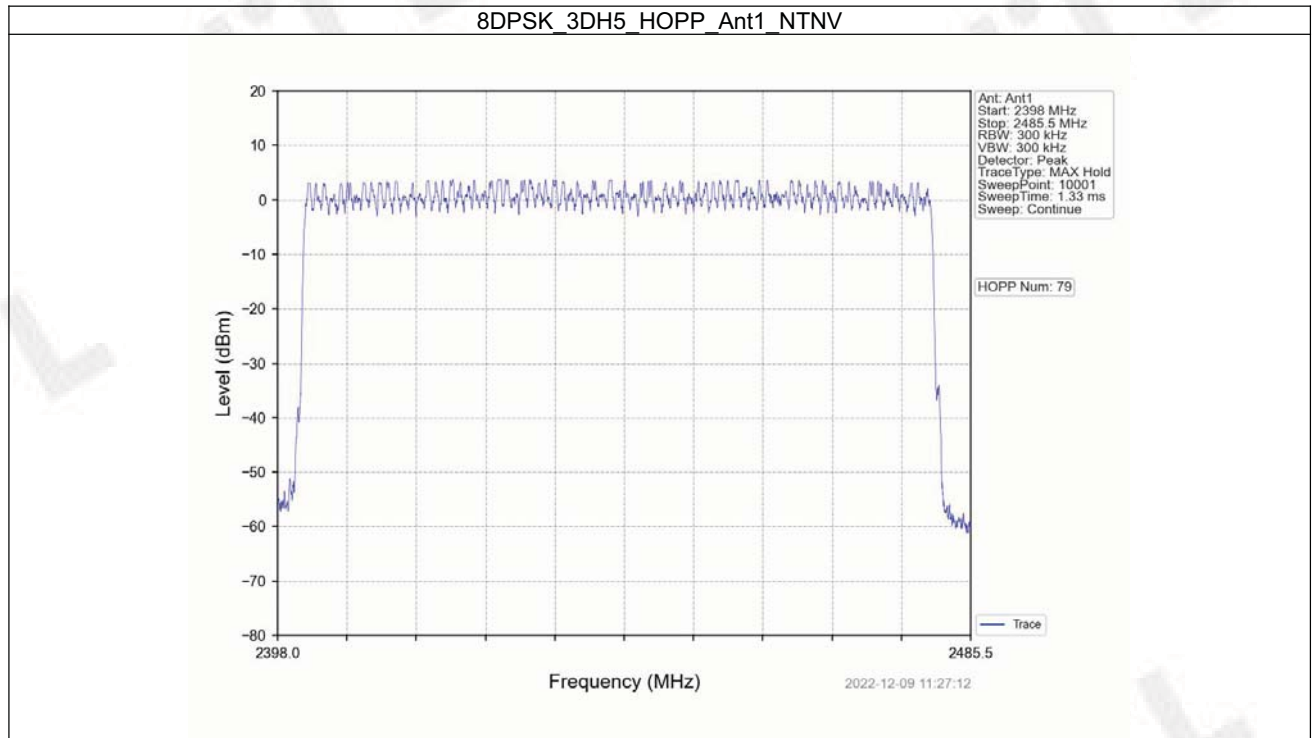
4.1 HoppNum

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	>=15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	>=15	Pass
8DPSK	SISO	HOPP	3DH5	79	>=15	Pass

4.1.2 Test Graph





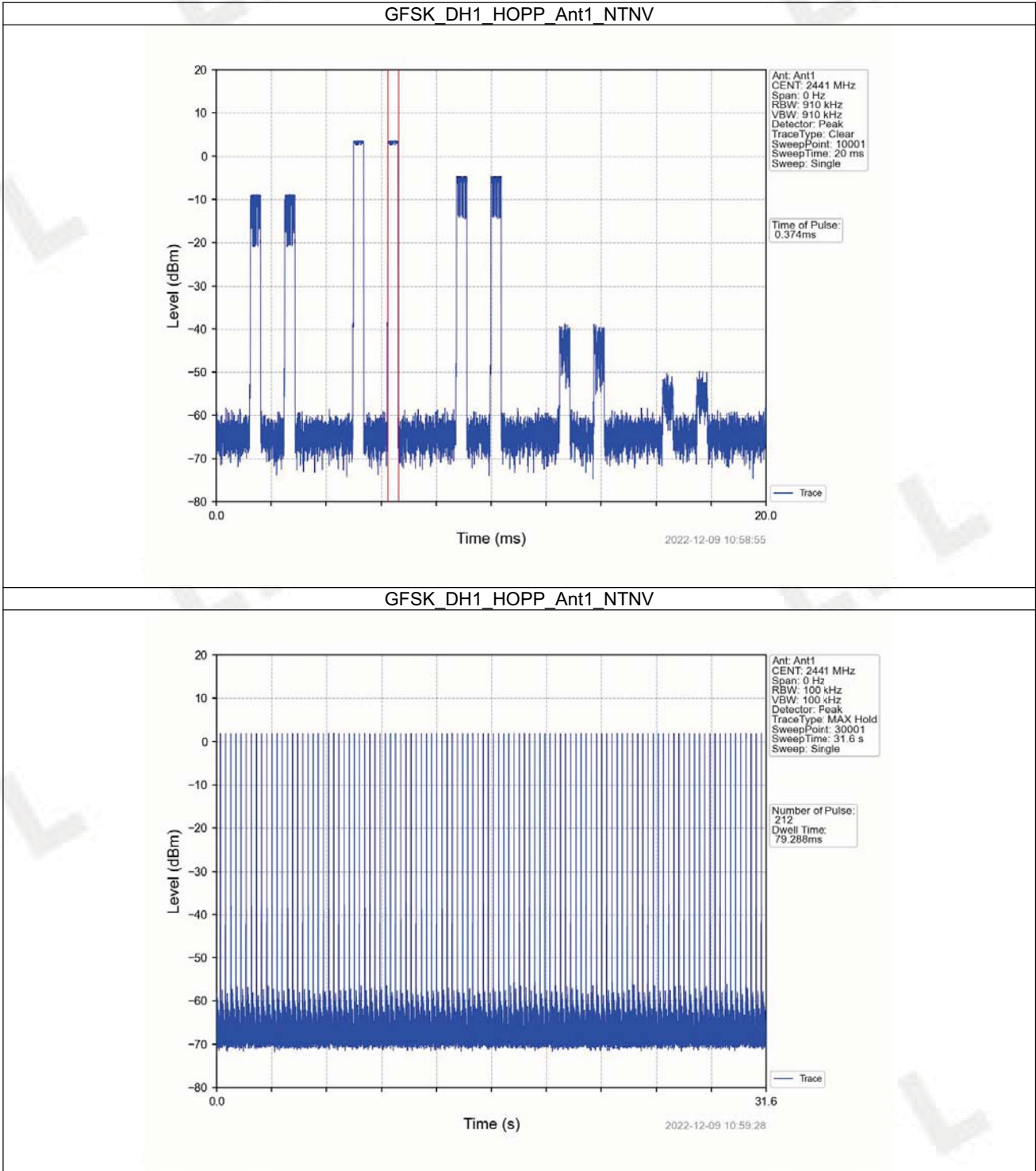
5. Time of Occupancy (Dwell Time)

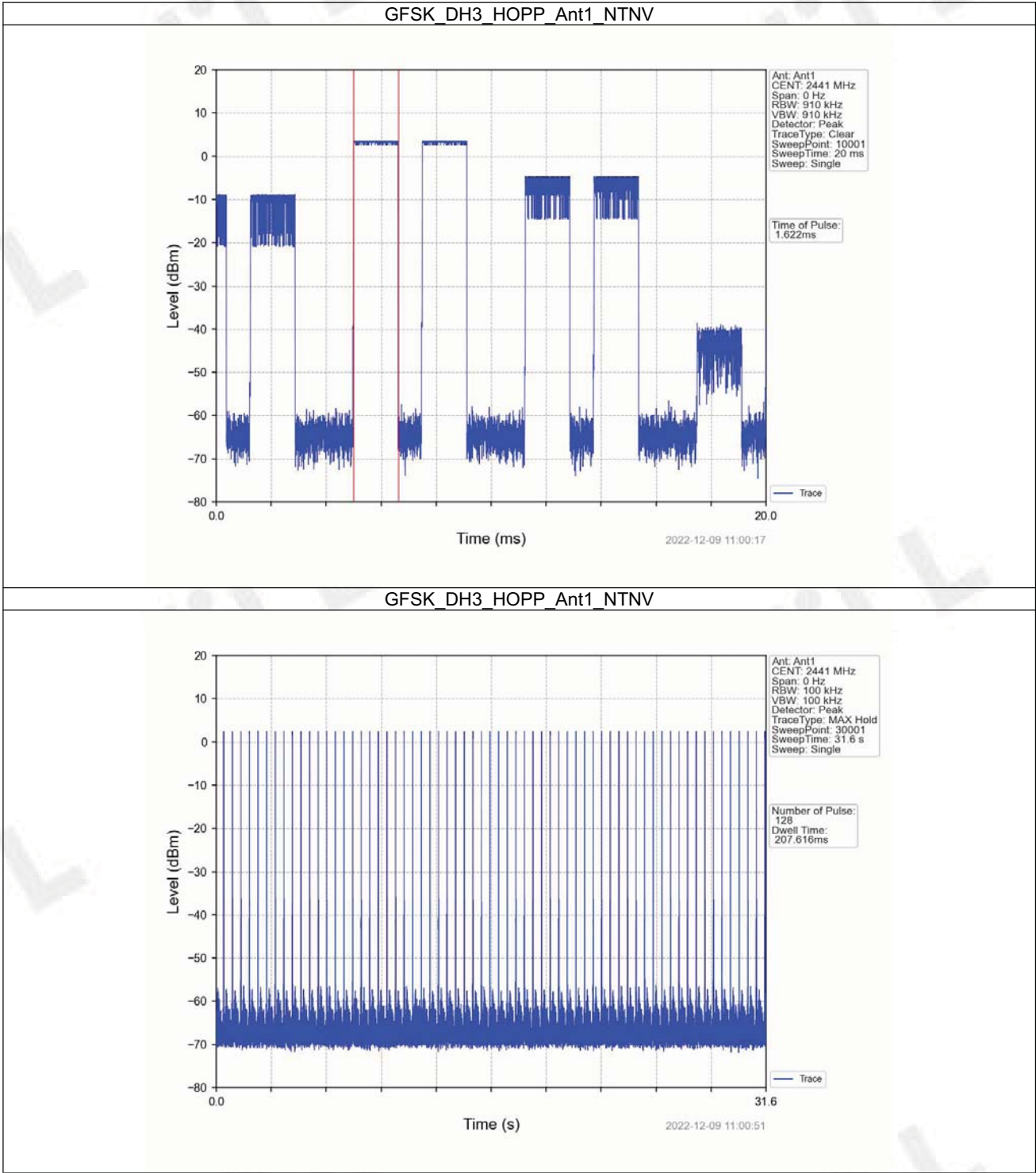
5.1 Ant1

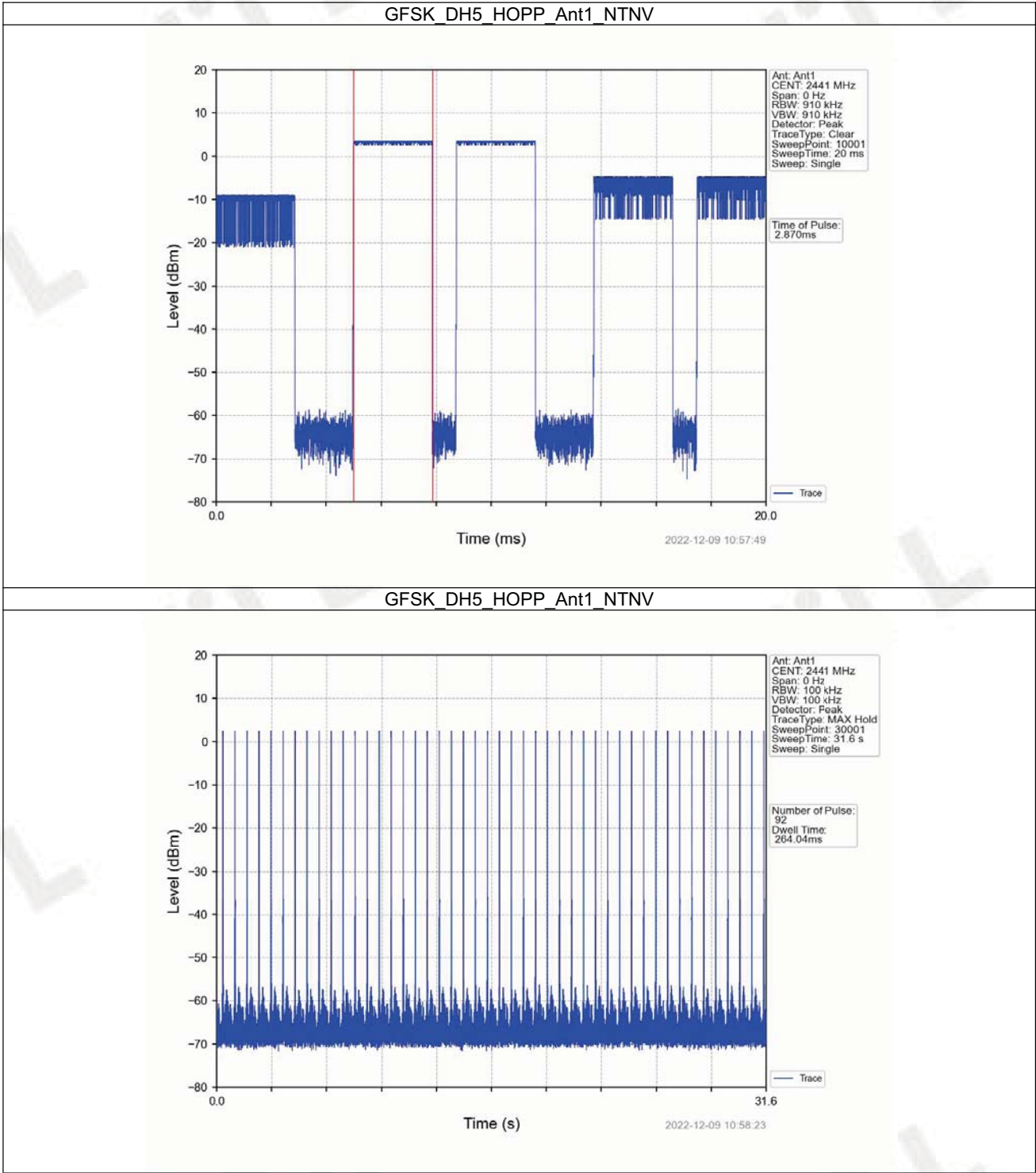
5.1.1 Test Result

Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.374	31.600	212	79.288	<=400	Pass
			DH3	1.622	31.600	128	207.616	<=400	Pass
			DH5	2.870	31.600	92	264.040	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.382	31.600	214	81.748	<=400	Pass
			2DH3	1.632	31.600	128	208.896	<=400	Pass
			2DH5	2.880	31.600	92	264.960	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.382	31.600	214	81.748	<=400	Pass
			3DH3	1.632	31.600	128	208.896	<=400	Pass
			3DH5	2.884	31.600	90	259.560	<=400	Pass

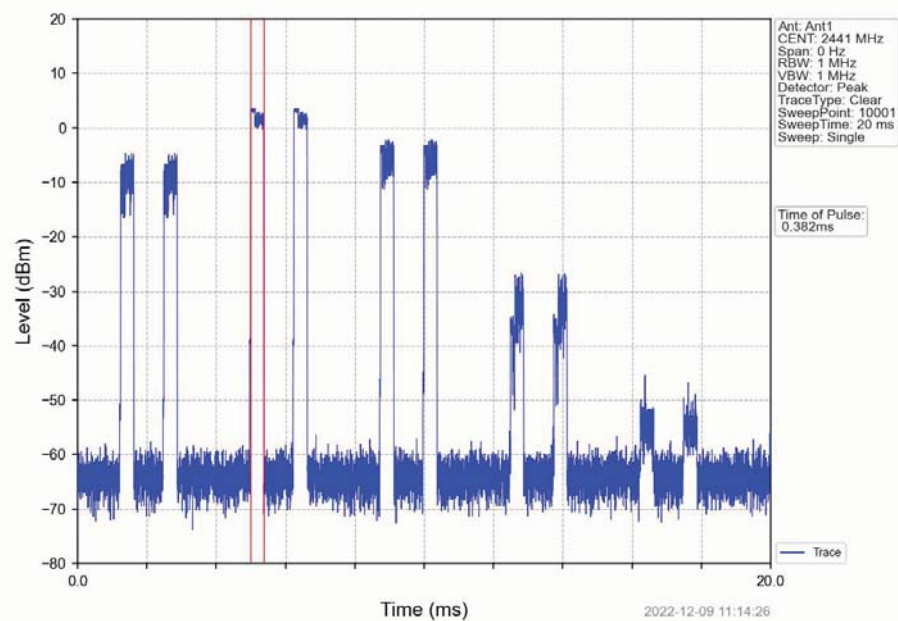
5.1.2 Test Graph



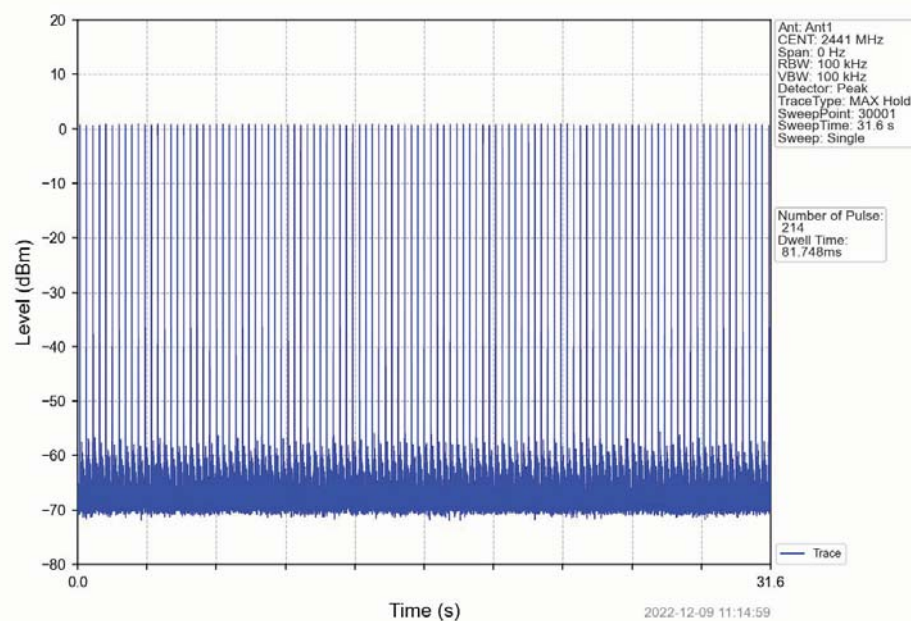




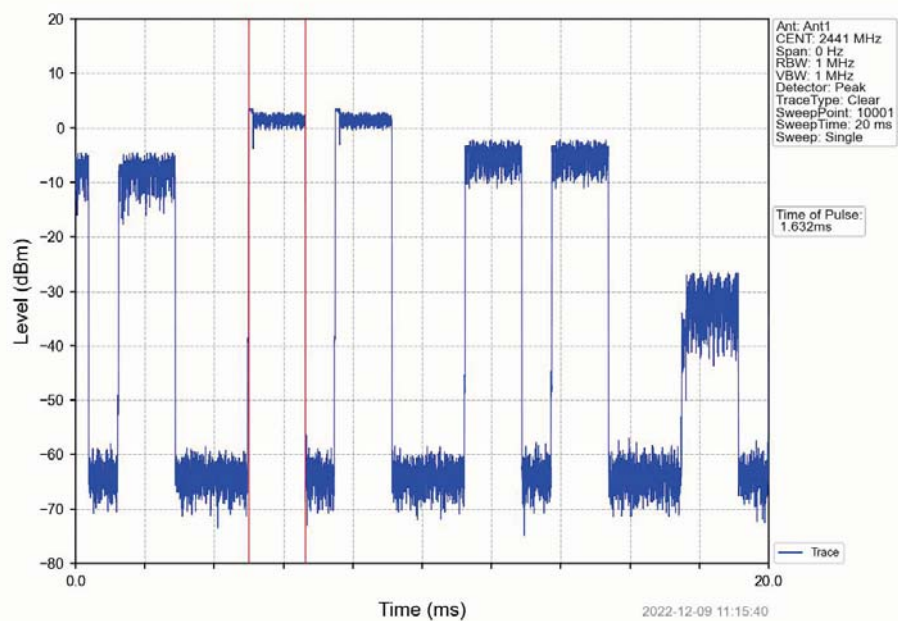
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



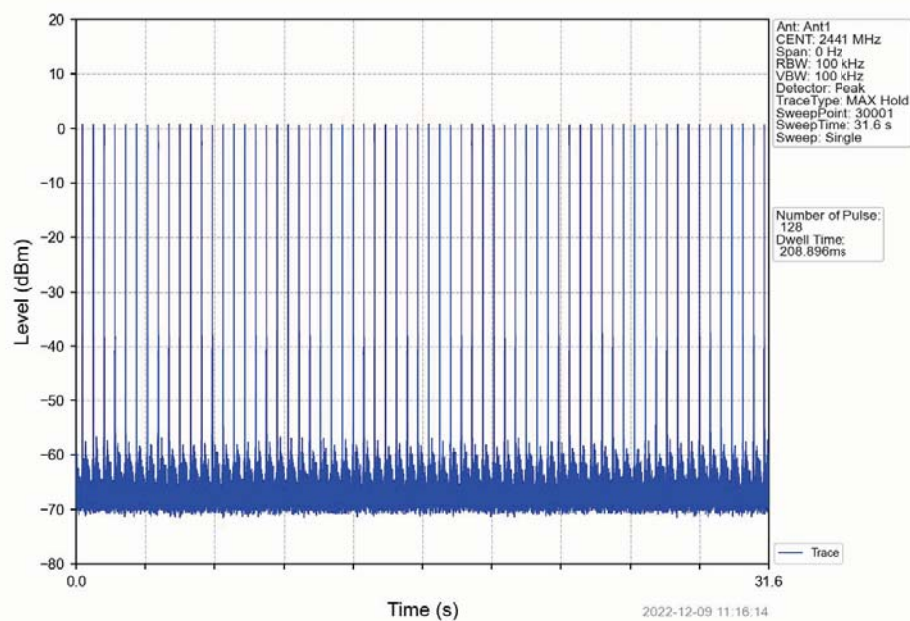
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



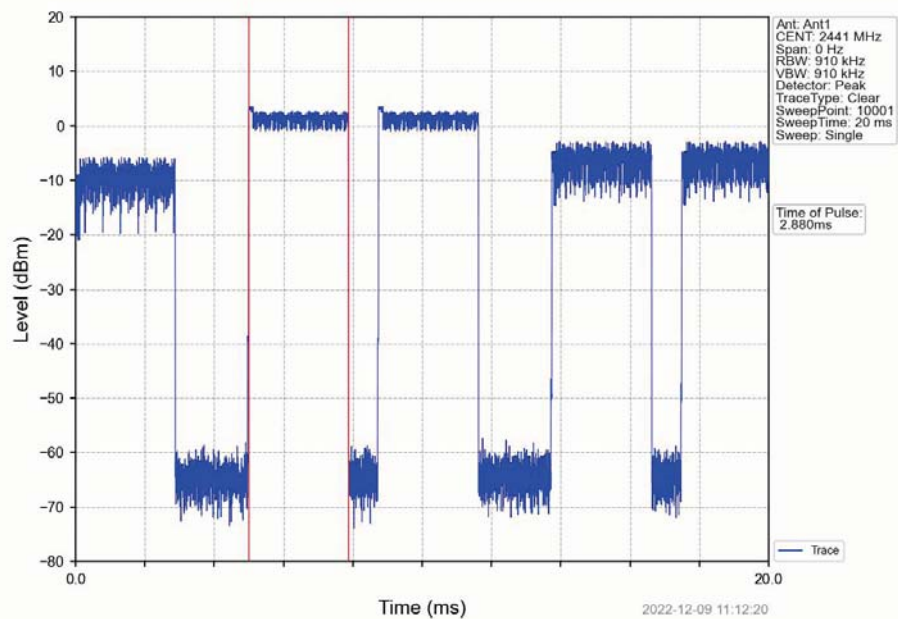
Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV



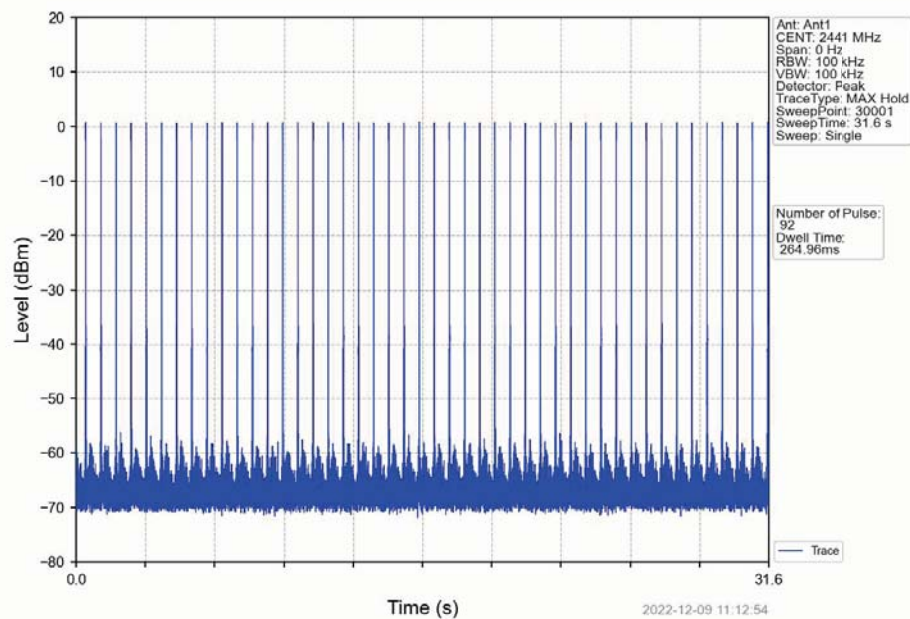
Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV

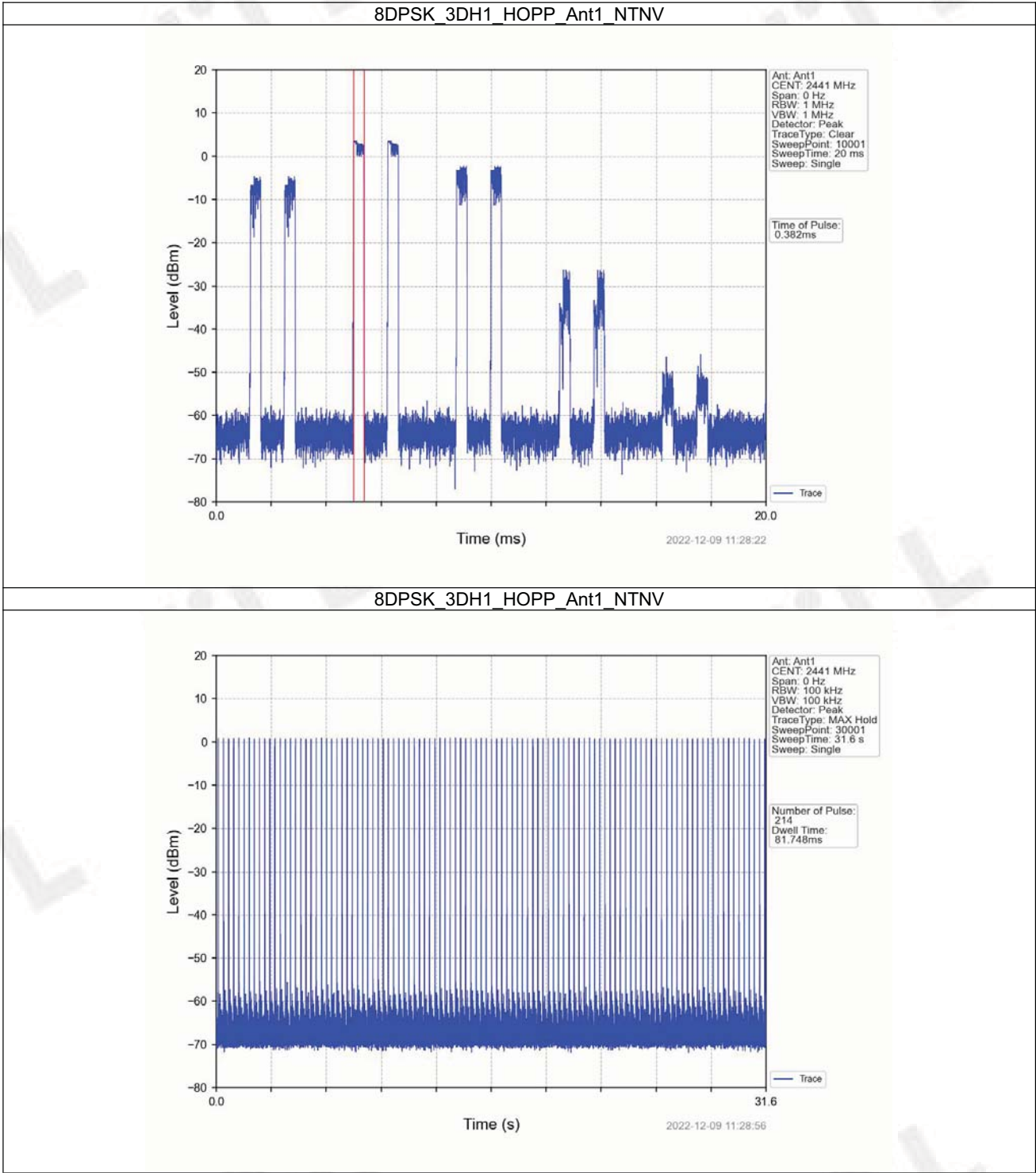


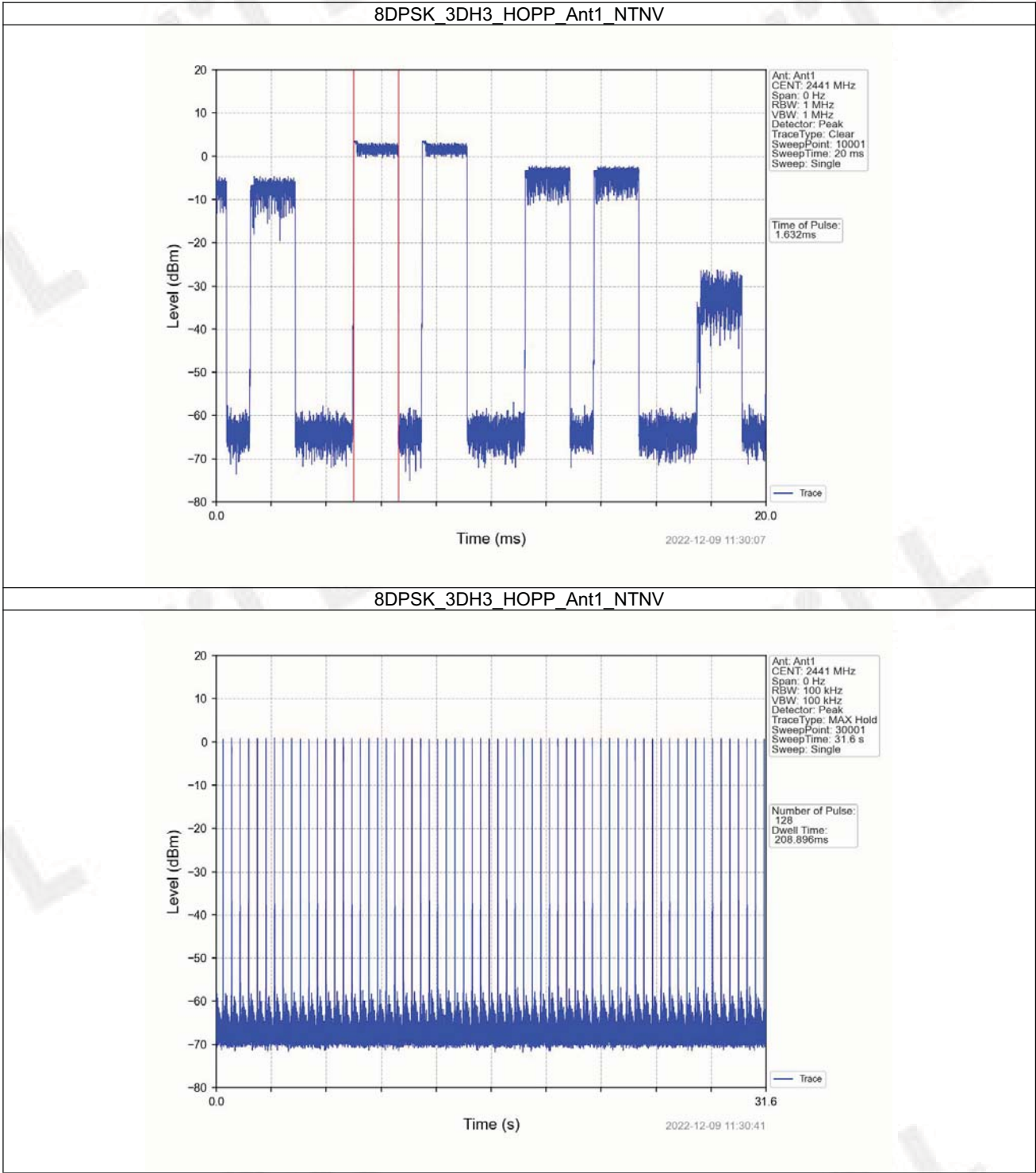
Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

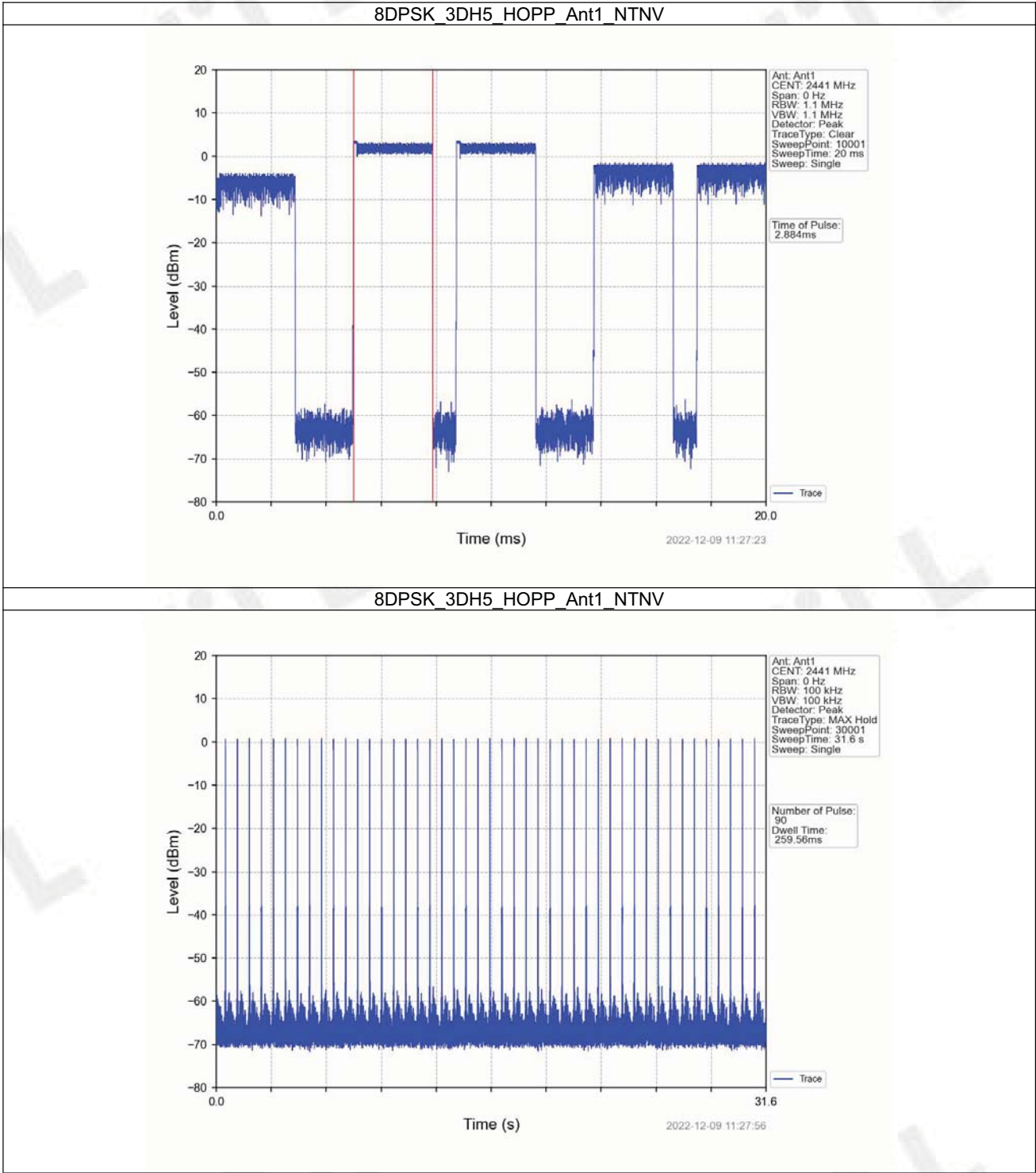


Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV









6. Unwanted Emissions In Non-restricted Frequency Bands

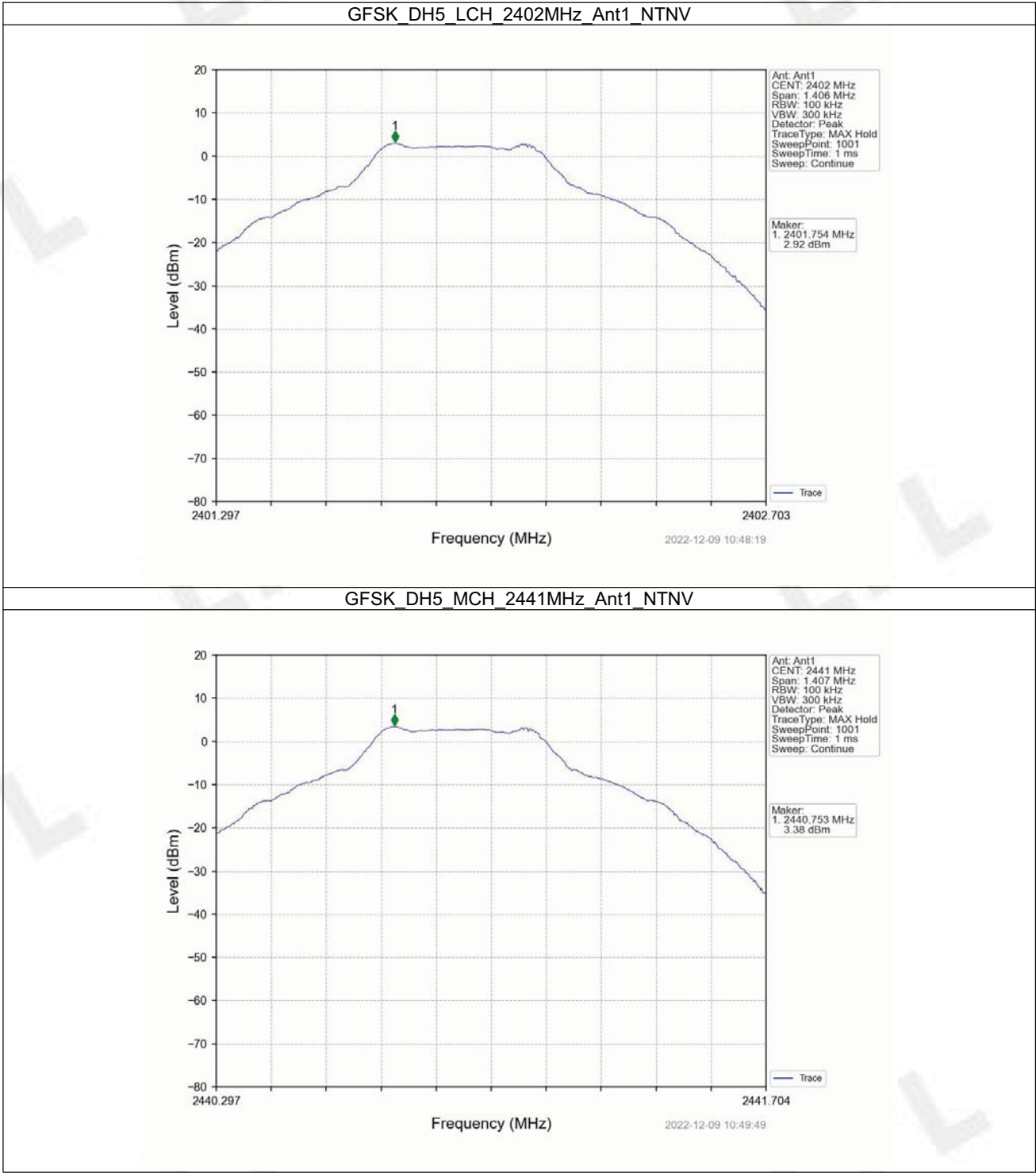
6.1 Ref

6.1.1 Test Result

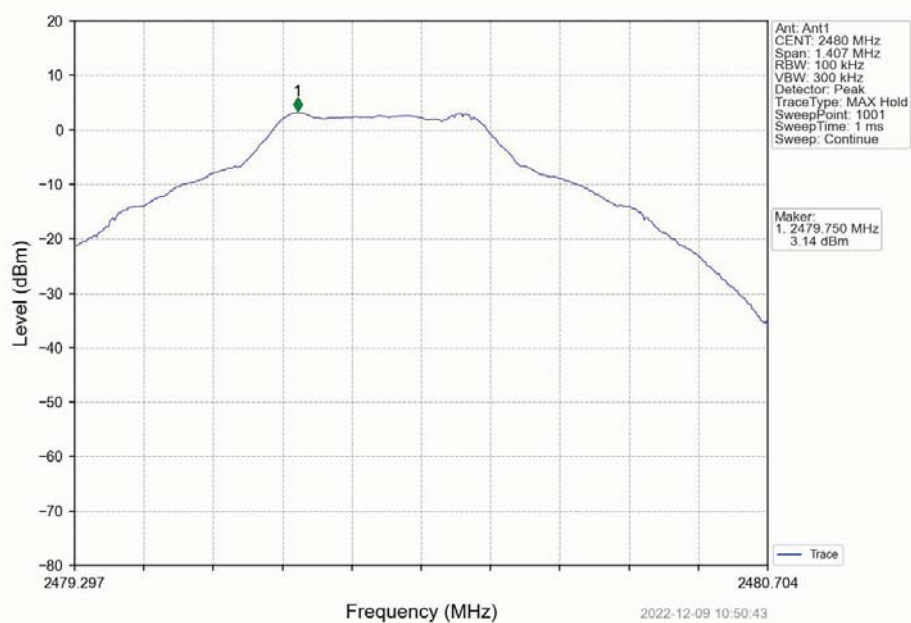
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	2.92
		2441	DH5	1	3.38
		2480	DH5	1	3.14
Pi/4DQPSK	SISO	2402	2DH5	1	2.74
		2441	2DH5	1	3.18
		2480	2DH5	1	2.94
8DPSK	SISO	2402	3DH5	1	2.95
		2441	3DH5	1	3.40
		2480	3DH5	1	3.14

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

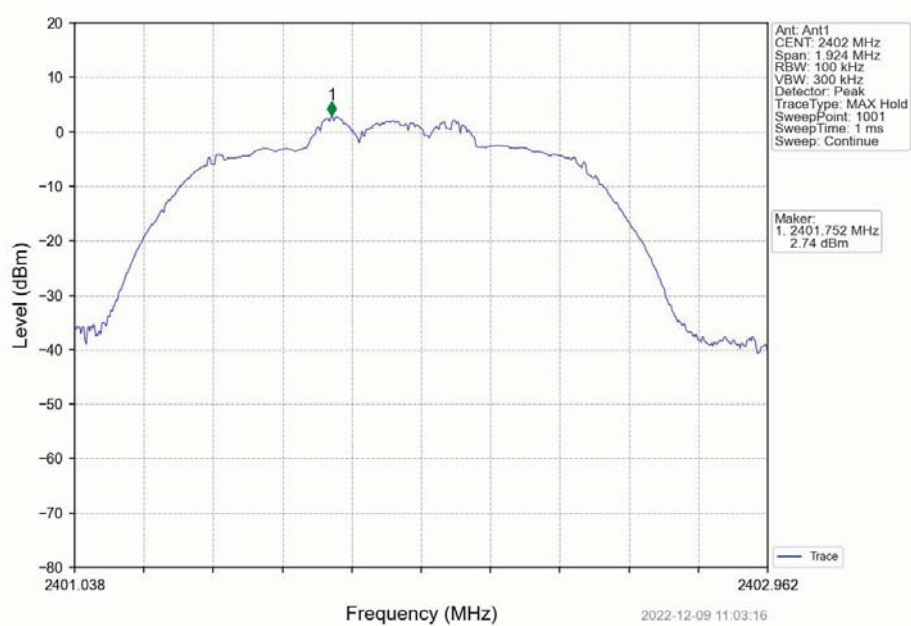
6.1.2 Test Graph



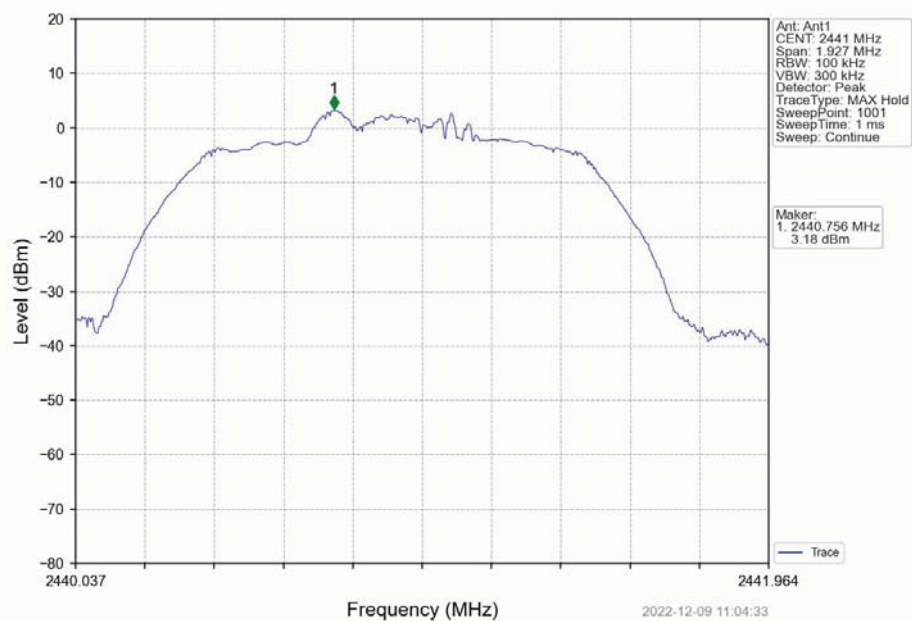
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



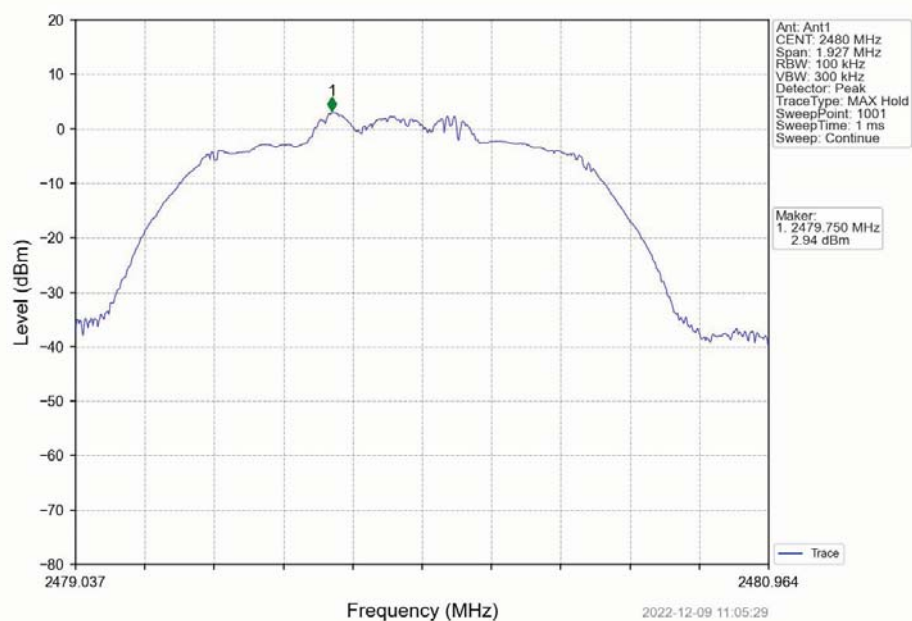
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



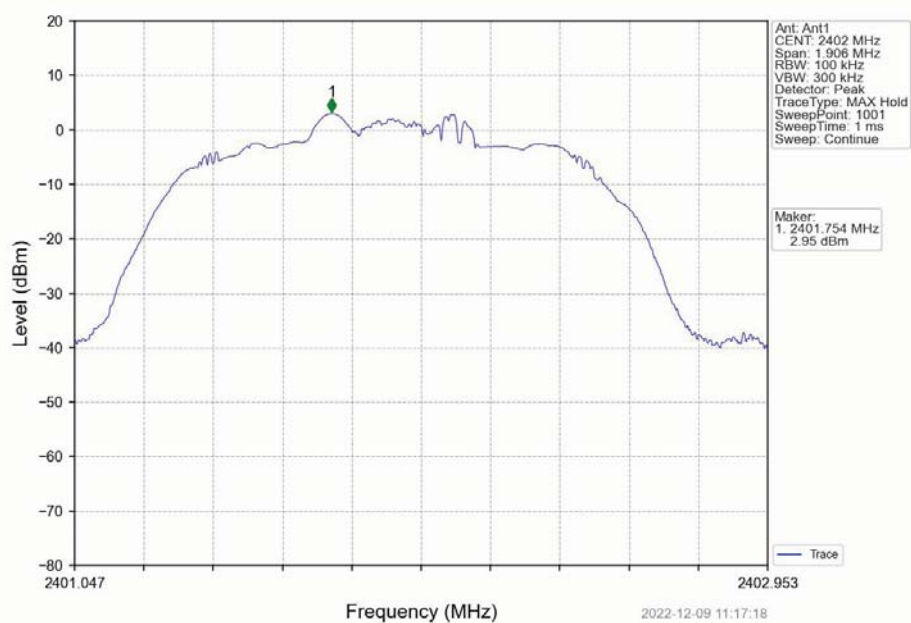
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



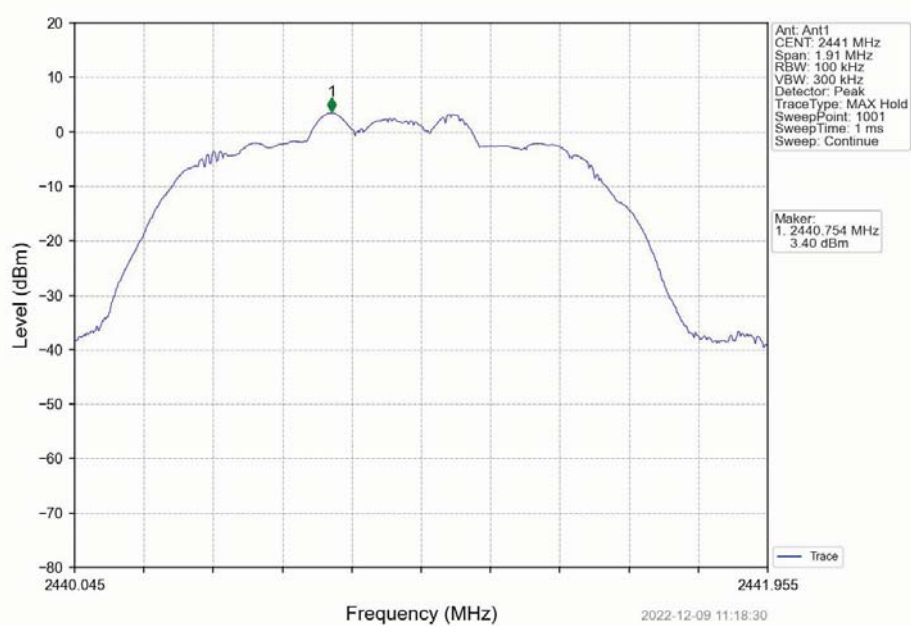
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



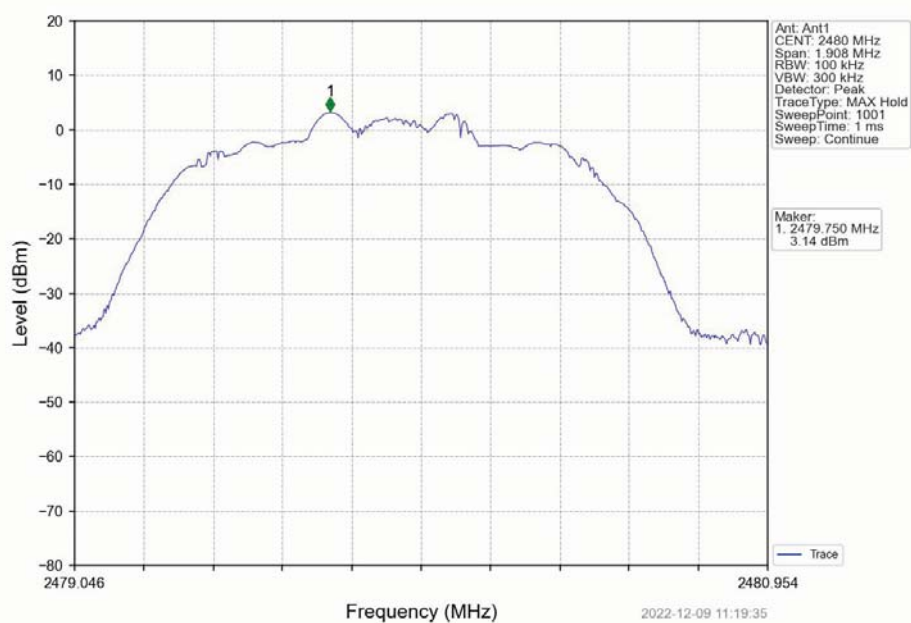
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



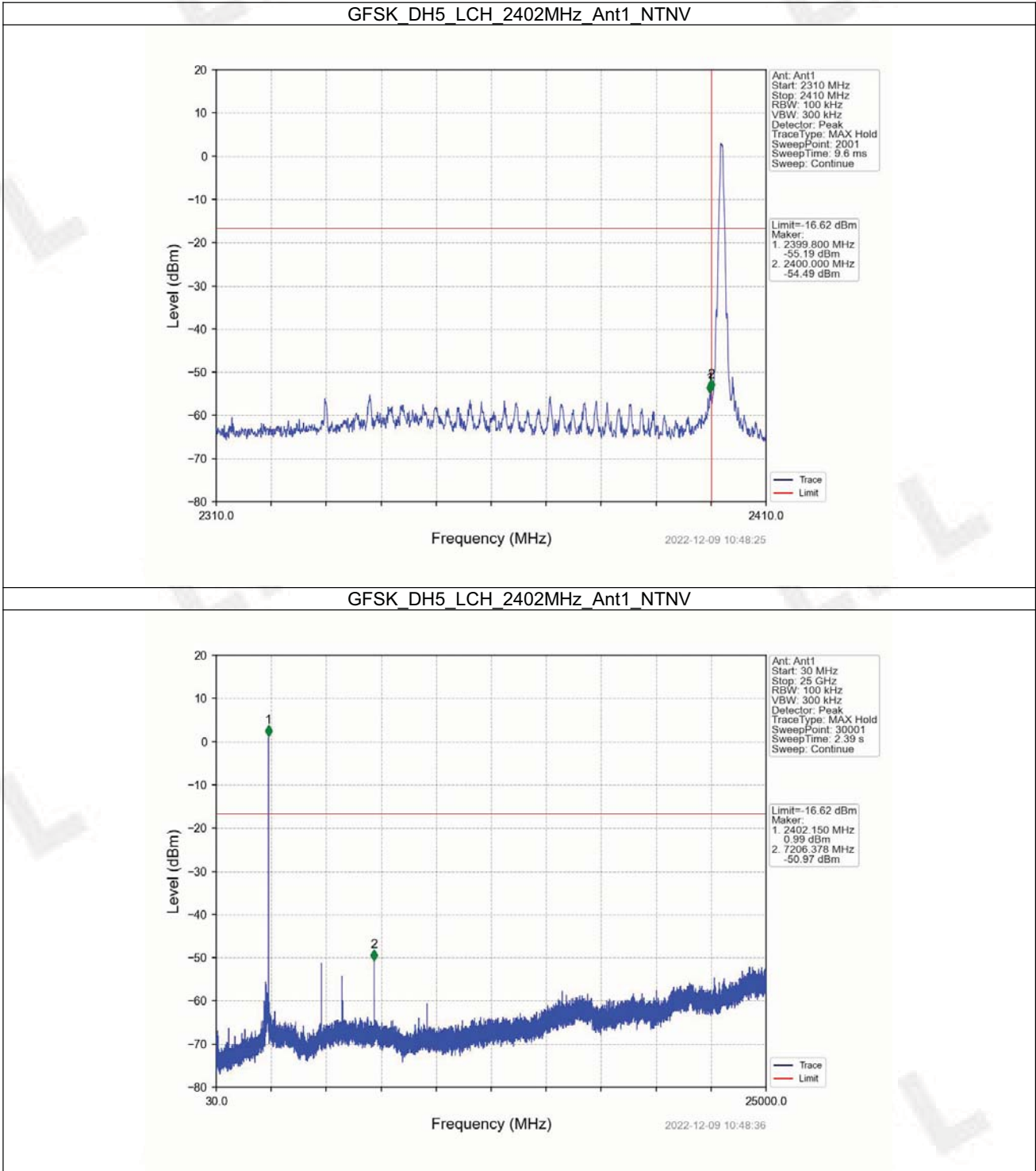
6.2 CSE

6.2.1 Test Result

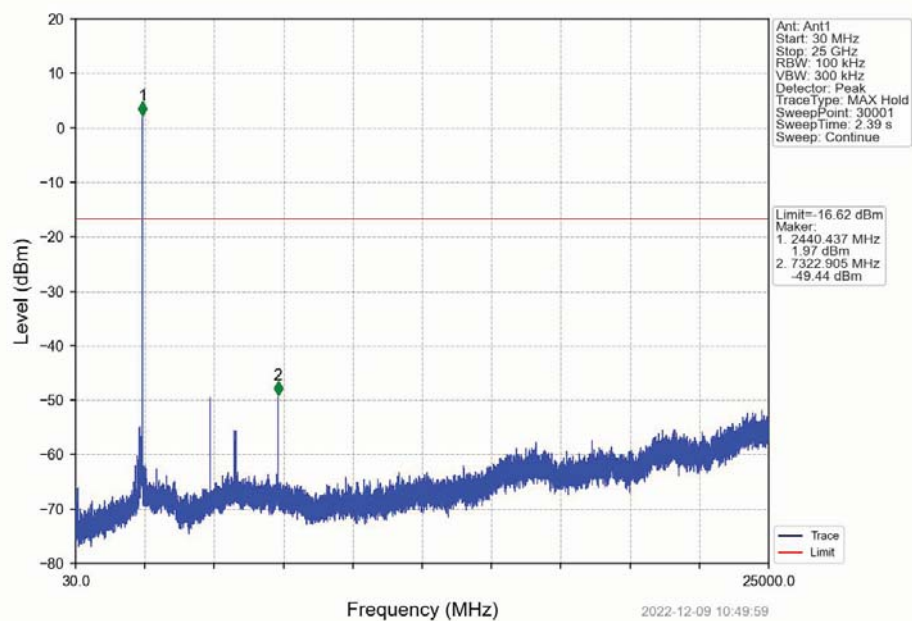
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	3.38	-16.62	Pass
		2441	DH5	1	3.38	-16.62	Pass
		2480	DH5	1	3.38	-16.62	Pass
		HOPP	DH5	1	3.38	-16.62	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	3.18	-16.82	Pass
		2441	2DH5	1	3.18	-16.82	Pass
		2480	2DH5	1	3.18	-16.82	Pass
		HOPP	2DH5	1	3.18	-16.82	Pass
8DPSK	SISO	2402	3DH5	1	3.40	-16.60	Pass
		2441	3DH5	1	3.40	-16.60	Pass
		2480	3DH5	1	3.40	-16.60	Pass
		HOPP	3DH5	1	3.40	-16.60	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

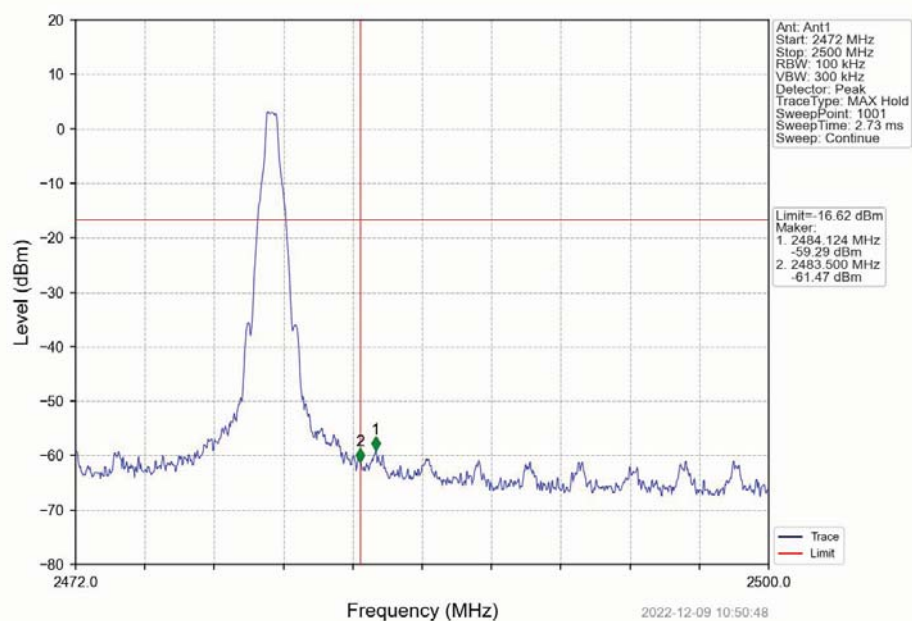
6.2.2 Test Graph



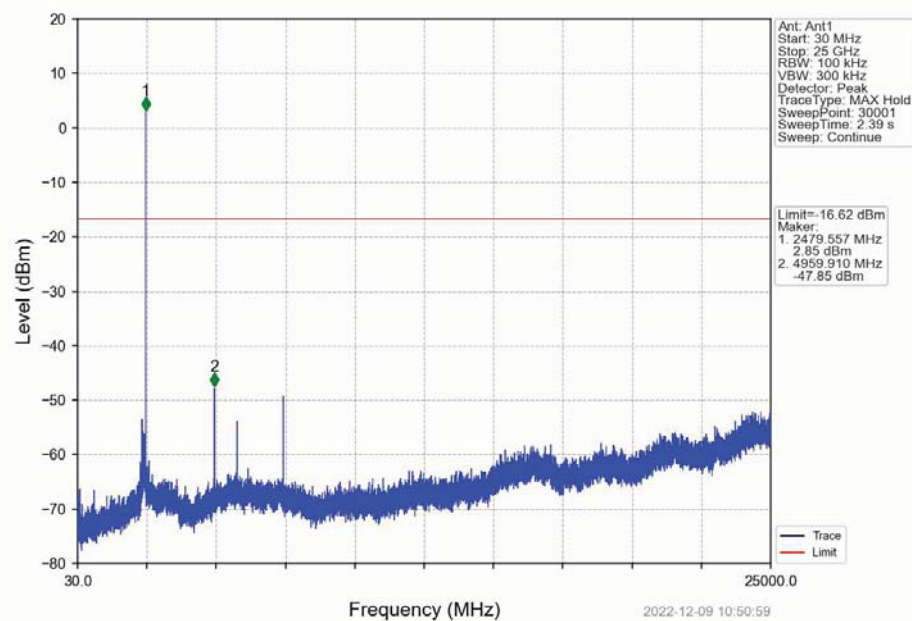
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



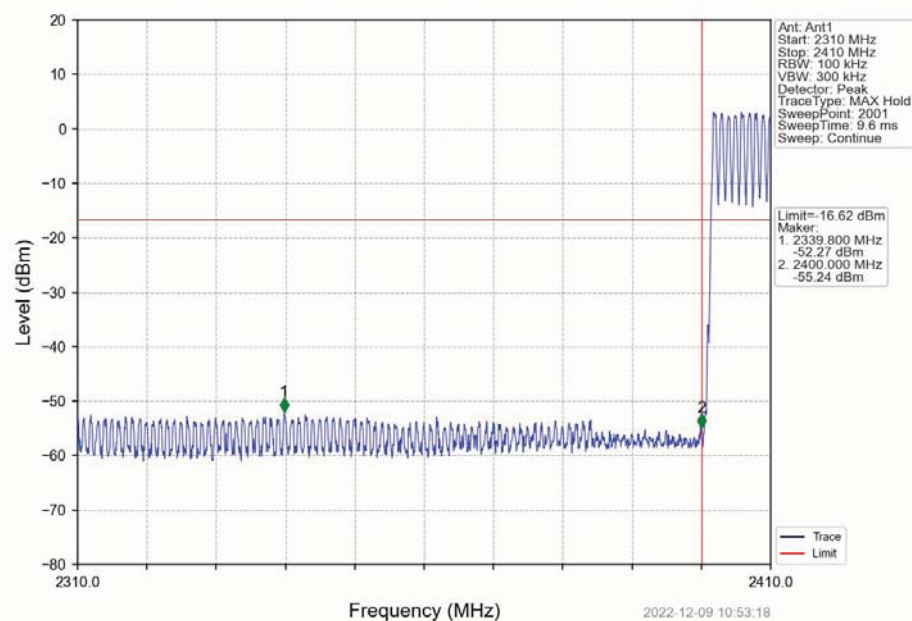
GFSK_DH5_HCH_2480MHz_Ant1_NTNV

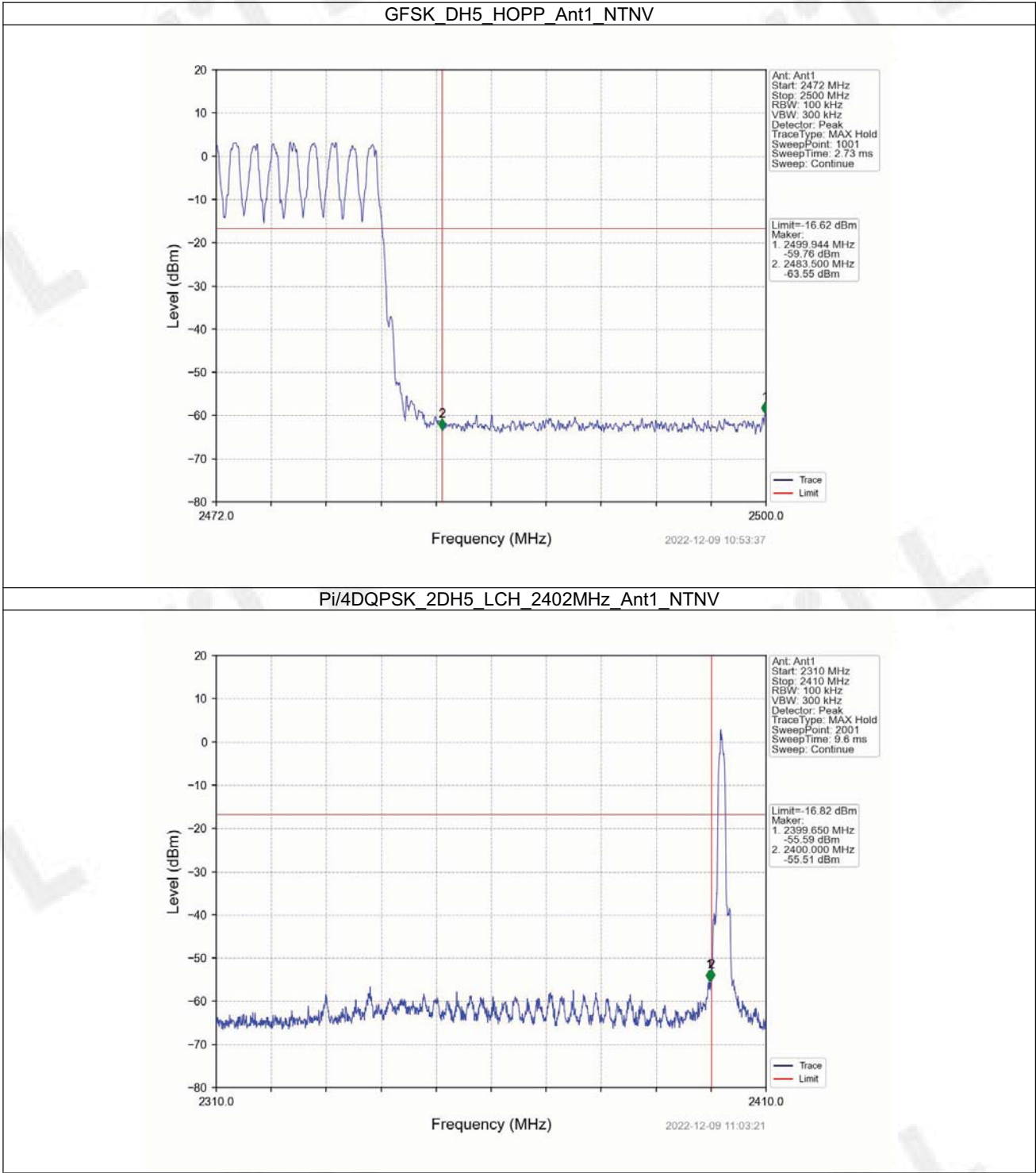


GFSK_DH5_HCH_2480MHz_Ant1_NTNV

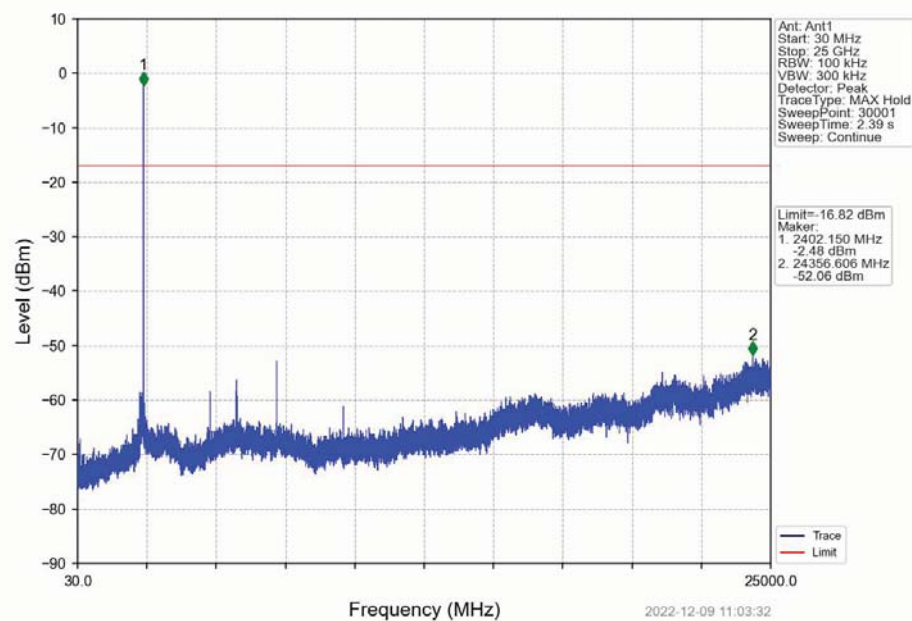


GFSK_DH5_HOPP_Ant1_NTNV

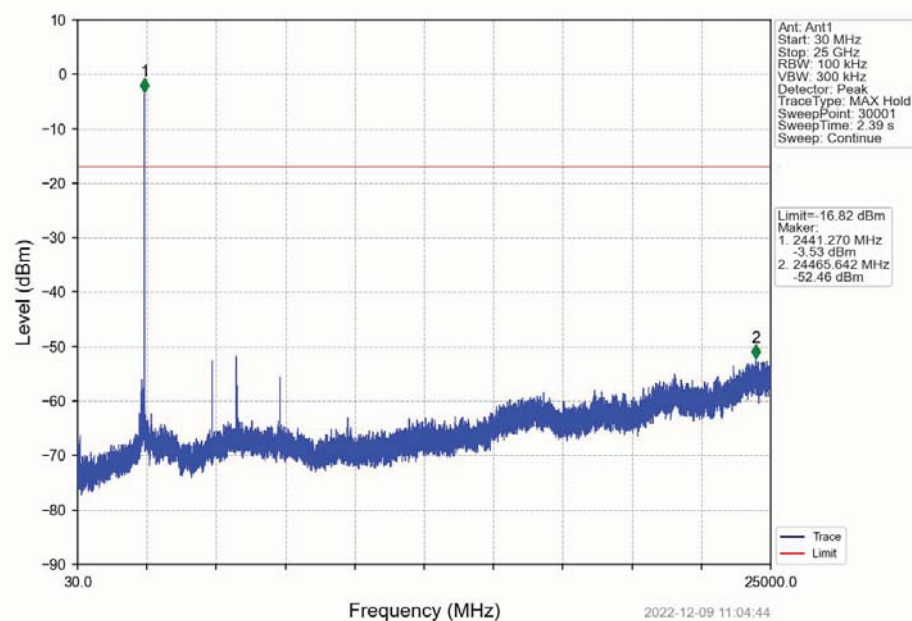




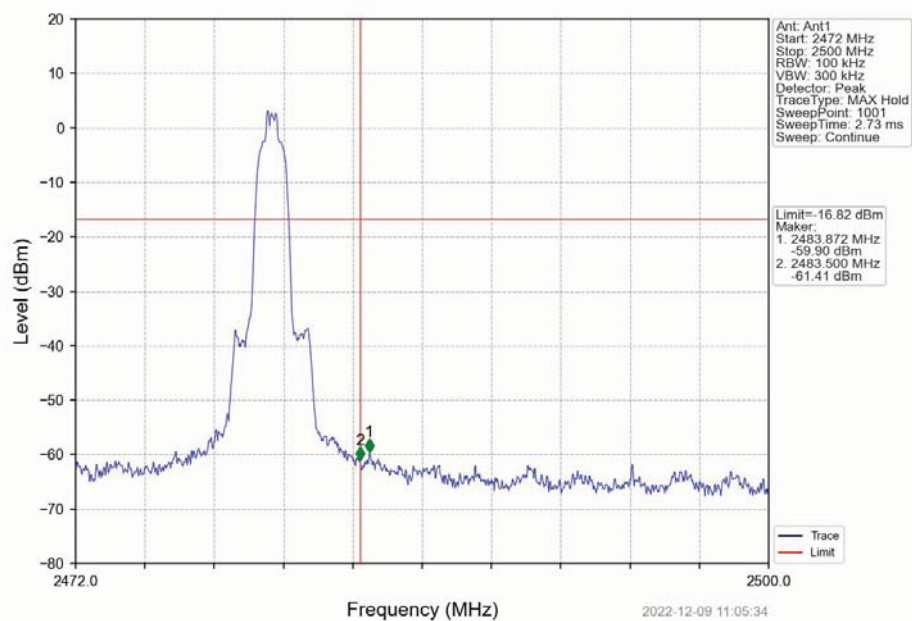
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



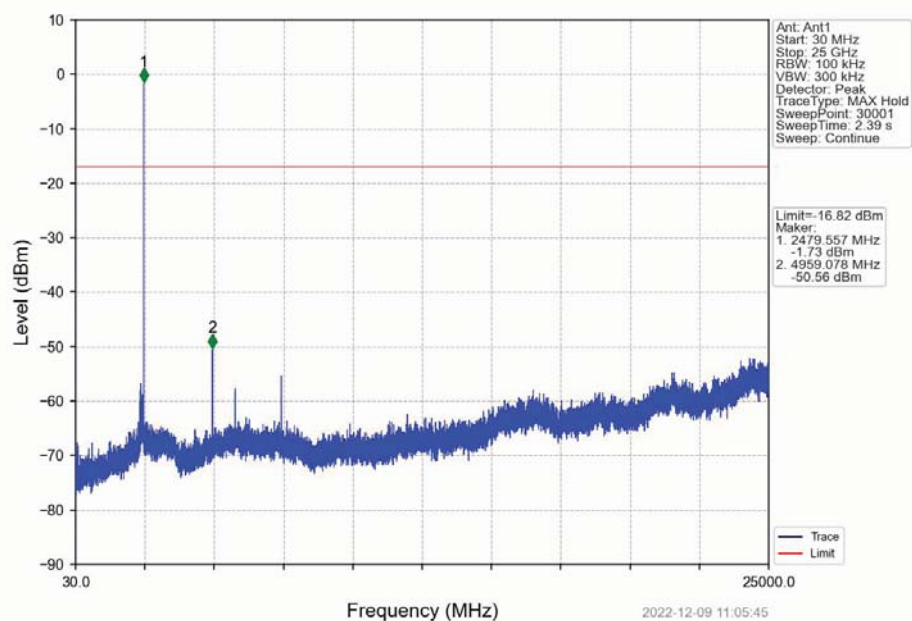
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



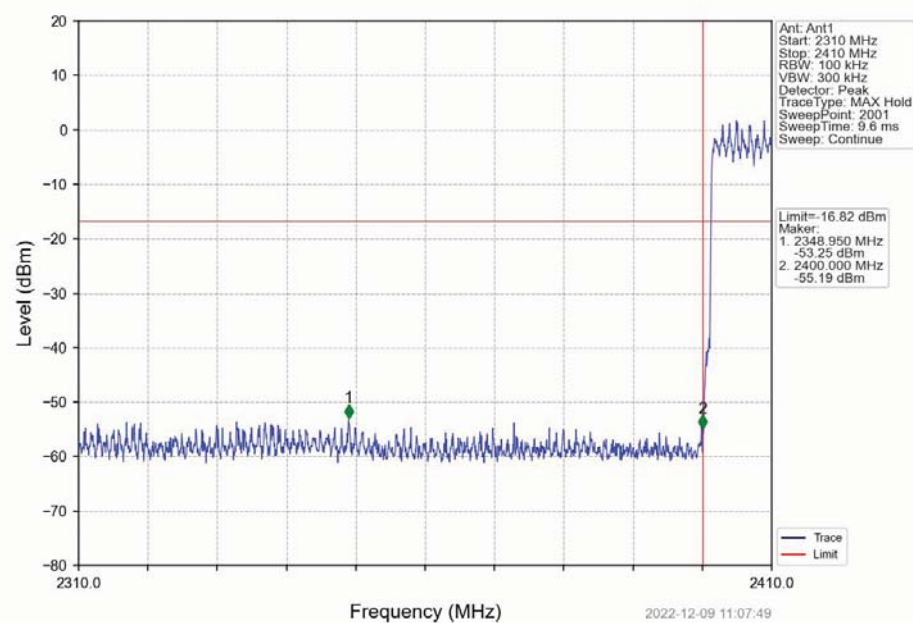
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



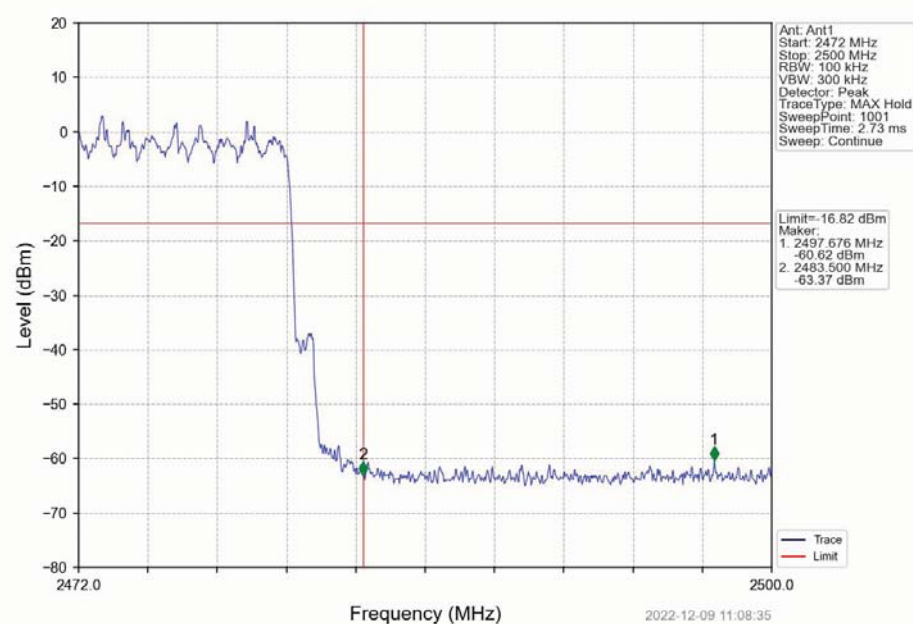
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



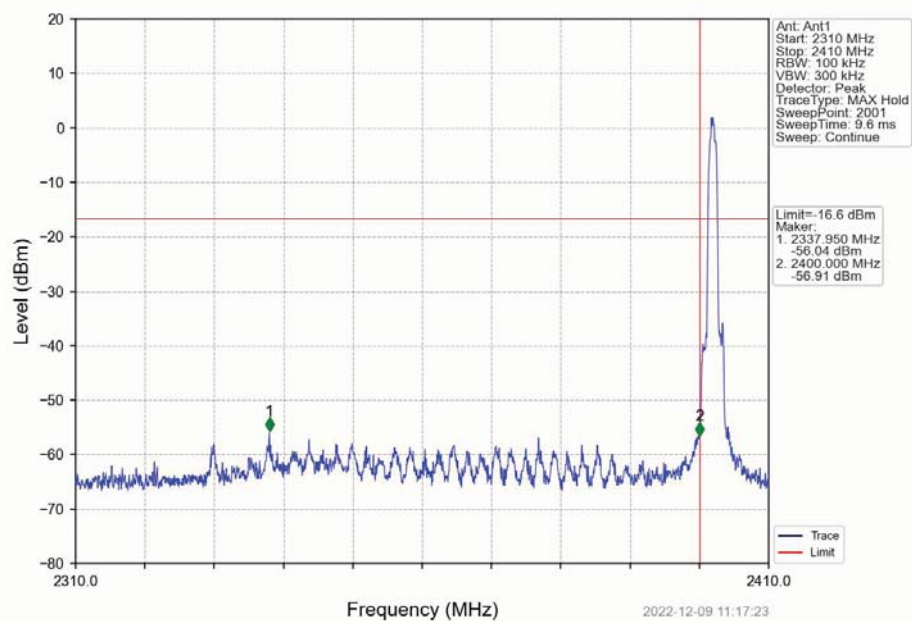
Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



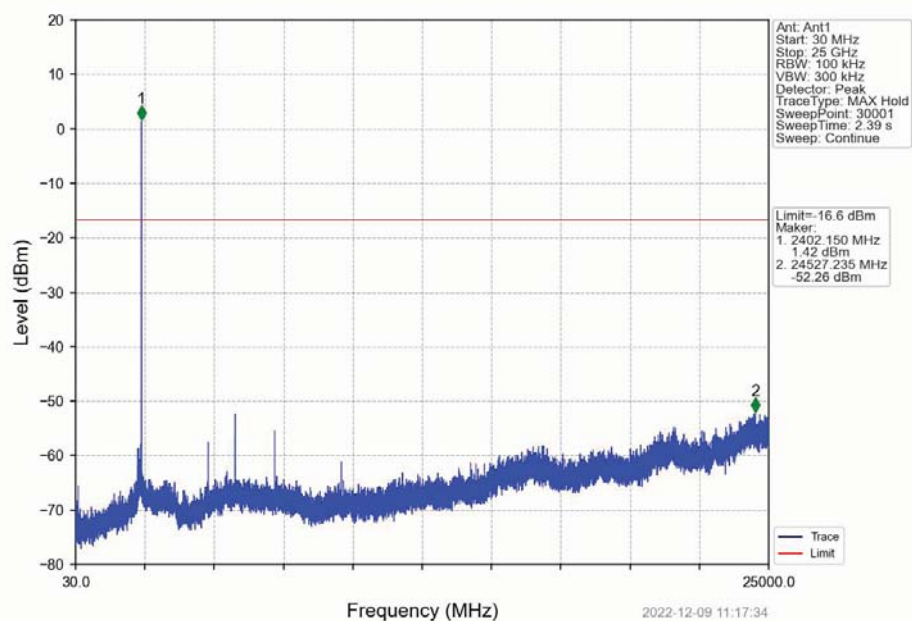
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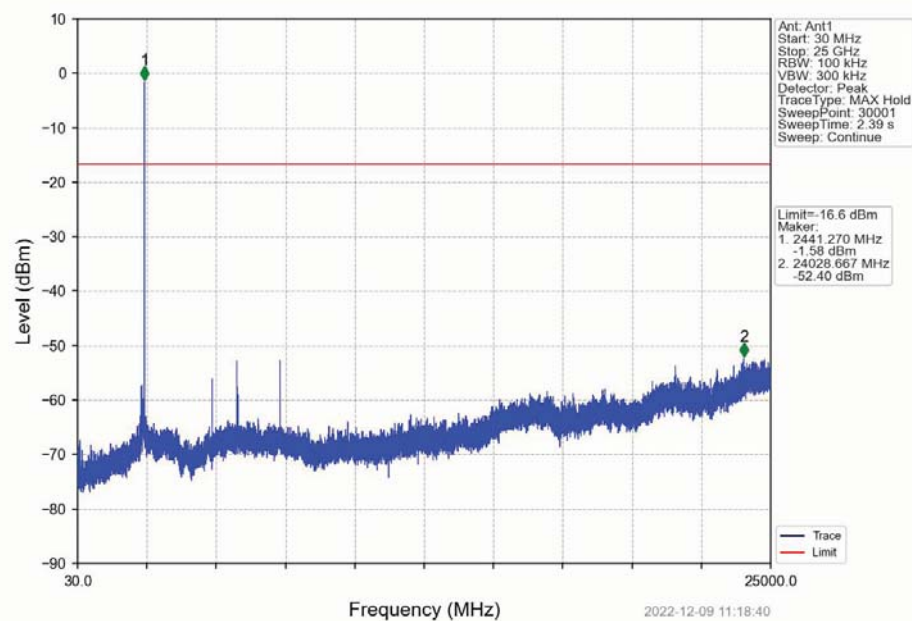
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



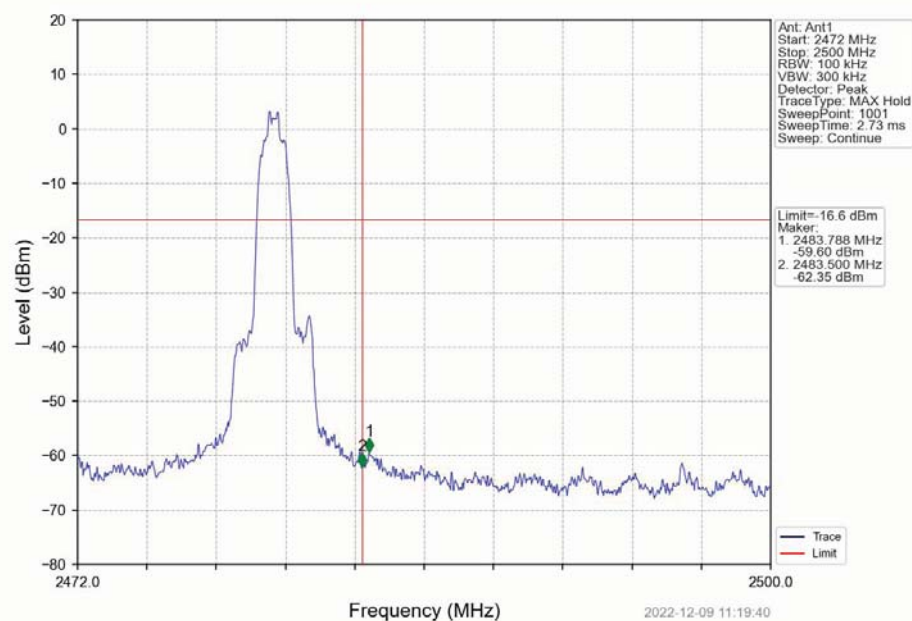
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



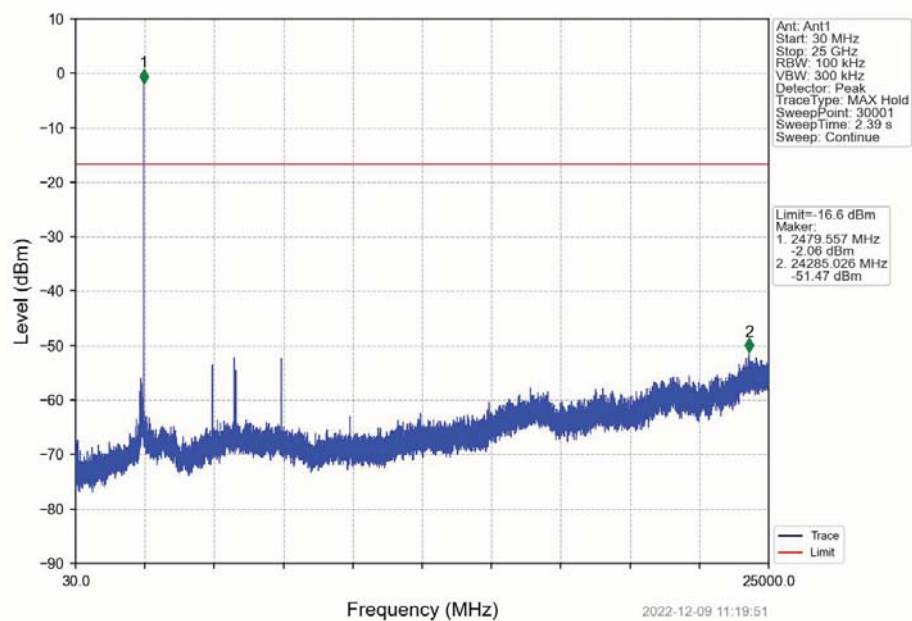
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV

